

CONTENTS

NUMBER 1, JULY, 1990

- 1 IS THEOPHYLLINE OBSOLETE?
Michael T. Newhouse, Hamilton, Canada
- 3 THEOPHYLLINE IS NO MORE OBSOLETE THAN "TWO PUFFS QID" OF CURRENT BETA₂ AGONISTS
John W. Jenne, Hines, Illinois
- 5 THEOPHYLLINE THERAPY; A CONTINUING DILEMMA
Dennis E. Niewoehner, Minneapolis
- 5 AMINOPHYLLINE FOR ANGINA PECTORIS; BOON OR BUST?
Howard S. Friedman, George Bittar, Brooklyn
- 7 WEANING FROM CARDIOPULMONARY BYPASS; THEORY AND PRACTICE
Mariell Jessup, Philadelphia
- 9 IS GLOTTIC FUNCTION THE KEY TO IMPROVED GAS EXCHANGE?
Thomas J. Gal, Charlottesville
- 10 PULMONARY EDEMA IN FALCIPARUM MALARIA; SLAYING THE DRAGON OF VOLUME OVERLOAD
Thomas M. Cosgriff, Aurora, Colorado
- 14 GAS EXCHANGE IN CHRONIC THROMBOEMBOLISM AFTER PULMONARY THROMBOENDARTERECTOMY
Kent S. Kapitlin; Jack L. Clausen; Kenneth M. Moser, San Diego
- 20 AMYLOIDOSIS AND PLEURAL DISEASE
Mani S. Kavuru; James P. Adamo; Muzaffar Ahmad; Atul C. Mehta; Gordon N. Gephart, Cleveland
- 24 BRONCHOSCOPY SPECIMENS IN ADULTS WITH AIDS; COMPARATIVE YIELDS OF CYTOLOGY, HISTOLOGY AND CULTURE FOR DIAGNOSIS OF INFECTIOUS AGENTS
C. Michael Weldon-Linne; Douglas P. Rhone; Renee Bourassa, Chicago
- 29 TRACHEAL CATHETERS IN PATIENTS WITH ACQUIRED IMMUNODEFICIENCY SYNDROME FOR THE DIAGNOSIS OF PNEUMOCYSTIS CARINII PNEUMONIA
Walter R. Martin; Timothy E. Albertson; Bary Siegel, Sacramento
- 33 INFLUENZA IN PATIENTS WITH HUMAN IMMUNODEFICIENCY VIRUS INFECTION
Sharon Safir; Joanne D. Rush; John Mills, San Francisco
- 38 COMPLICATIONS OF CORTICOSTEROID THERAPY IN PATIENTS WITH THE ACQUIRED IMMUNODEFICIENCY SYNDROME AND PNEUMOCYSTIS CARINII PNEUMONIA
Mark W. Lambertus; Matthew Bidwell Goetz; Aruna R. Murthy; Glenn E. Mathisen
- 44 MANAGEMENT OF ASTHMA AND CHRONIC AIRFLOW LIMITATION; ARE METHYLXANTHINES OBSOLETE?
Andy Lam, Michael T. Newhouse, Hamilton, Canada
- 53 EFFICACY OF THE PHOSPHODIESTERASE INHIBITOR ENOXIMONE IN COMPLICATED CARDIAC SURGERY
Joachim Boldt; Dieter Kling; Bernfried Zickmann; Friedhelm Dapper; Gunter Hempelmann, Giessen, West Germany
- 59 RAPID ON-SITE EVALUATION OF TRANSBRONCHIAL ASPIRATES
Robertson D. Davenport, Ann Arbor
- 62 RELATIONSHIPS BETWEEN PULMONARY FUNCTION AND CHANGES IN CHRONIC RESPIRATORY SYMPTOMS; COMPARISON OF TUCSON AND CRACOW LONGITUDINAL STUDIES
Mical Krzyzanowski; Anthony E. Camilli; Michael D. Lebowitz, Warsaw, Poland and Tucson, Arizona
- 71 INTERACTIONS BETWEEN CIGARETTE SMOKING AND THE NATURAL HISTORY OF IDIOPATHIC PULMONARY FIBROSIS
Hubert de Cremon; Jean-Francois Bernaudin; Philippe Laurent; Patrick Brochard; Jean Bignon, Creteil, France
- 77 COMPARISON OF DYNAMIC LUNG FUNCTION INDICES DURING FORCED AND QUIET BREATHING IN UPPER AIRWAY OBSTRUCTION, ASTHMA, AND EMPHYSEMA
Christian F. Mellissant; Jan A. Van Noord; Karel P. Van de Woestijne; Maurits Demedts, Leuven, Belgium
- 84 UPPER AIRWAY DISTENSIBILITY AND COLLAPSIBILITY IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA
John W. Shepard, Jr; Michael Garrison; Wentzel Vas, Rochester, Minnesota, and St. Louis
- 92 TRIGEMINAL AIRSTREAM STIMULATION; MATURATION-RELATED CARDIAC AND RESPIRATORY RESPONSES DURING REM SLEEP IN HUMAN INFANTS
Joseph Ramet; Jean-Paul Praud; Anne-Marie D'Allest; Michel Dehan; Claude Gauthier, Clamart, France
- 97 PHOTODYNAMIC THERAPY IN THE PALLIATION OF LATE STAGE OBSTRUCTING NON-SMALL CELL LUNG CANCER
Joseph LoCicero, III; Mark Metzendorf; Carol Alm-gren, Chicago
- 101 GENERAL ANESTHESIA DOES NOT ALTER THE VISCOELASTIC OR TRANSPORT PROPERTIES OF HUMAN RESPIRATORY MUCUS
Bruce K. Rubin; Barry Finegan; Oscar Ramirez; Malcolm King, Edmonton, Canada
- 105 REDUCED DIFFUSING CAPACITY AS AN ISOLATED FINDING IN ASBESTOS- AND SILICA-EXPOSED WORKERS
Joe G. N. Garcia; David E. Griffith; James S. Williams; William J. Blevins; Richard S. Kronenberg, Indianapolis
- 112 ASBESTOS EXPOSURE RESULTS IN INCREASED LUNG PROCOAGULANT ACTIVITY IN VIVO AND IN VITRO
Karleen S. Callahan; David E. Griffith; Joe G. N. Garcia, Tyler, Texas
- 120 EFFECT OF OPENING THE PERICARDIUM ON RIGHT VENTRICULAR HEMODYNAMICS DURING CARDIAC SURGERY
Mali Mathru; Bruce Kleinman; David J. Dries; Tadikonda Rao; David Calandra, Maywood, Illinois
- 124 ACUTE PRELOAD EFFECTS OF FUROSEMIDE
Peter A. Kraus; Jeffrey Lipman; Pieter J. Becker, Johannesburg, South Africa
- 129 ECHOCARDIOGRAPHY AND PATHOLOGY OF LEFT VENTRICULAR "FALSE TENDONS"
Abdel K. Abdulla; Andrea Frustaci; Jhorque E. Martinez; Richard A. Florio; Jane Somerville; Eckhardt G. J. Olsen, London, England, and Rome, Italy
- 133 SLEEP IN POSTPOLIO SYNDROME
Darlene G. Steljes; Moir H. Kryger; Brian W. Kirk; Thomas W. Millar, Winnipeg, Canada
- 141 PLEURAL FLUID TO SERUM BILIRUBIN CONCENTRATION RATIO FOR THE SEPARATION OF TRANSUDATES FROM EXUDATES
Simcha Meisel; Arie Sharnis; Michael Thaler; Naomi Nussinovitch; Talma Rosenthal, Tel Aviv, Israel
- 145 THE LUNGS AND AIRWAYS IN ACHONDROPLASIA; DO LITTLE PEOPLE HAVE LITTLE LUNGS?
Dennis C. Stokes; Mary Ellen B. Wohl; Robert A. Wise; Reed E. Peyeritz; Diane L. Fairclough
- 153 SIMULTANEOUS PULMONARY AND RENAL MALIGNANCY
Daniel M. Libby; Nasser K. Altorki; Jeffrey Gold; W. Reid Pitts, Jr; Neil H. Bander; Sarah S. Frankel, New York
- 159 ULTRASOUND GUIDANCE IMPROVES THE SUCCESS RATE OF INTERNAL JUGULAR VEIN CANNULATION; A PROSPECTIVE, RANDOMIZED TRIAL
Douglas L. Mallory; William T. McGee; Thomas H. Shawker; Matthew Brenner; Kent R. Bailey; R. Gregory Evans; Margaret M. Parker; J. Christopher Farmer; Joseph E. Parrillo, St. Louis
- 161 TRACHEOESOPHAGEAL FISTULA FORMATION IN INTUBATED PATIENTS; RISK FACTORS AND TREATMENT WITH HIGH-FREQUENCY JET VENTILATION
D. Keith Payne; William McD. Anderson; Michael D. Romero; Dennis R. Wissing; Marjorie Fowler, Shreveport
- 165 SELF-EXTUBATIONS; A 12-MONTH EXPERIENCE
Dominic P. Coppola; John J. May, New York
- 170 DETECTION OF RENAL BLOOD FLOW ABNORMALITIES IN SEPTIC AND CRITICALLY ILL PATIENTS USING A NEWLY DESIGNED INDWELLING THERMODILUTION RENAL VEIN CATHETER
Matthew Brenner; Gary L. Schaefer; Douglas L. Mallory; Anthony F. Suffredini; Joseph E. Parrillo, Bethesda
- 180 INTENSIVE MANAGEMENT OF SEVERE HEAD INJURY
Cecil Borel; Daniel Hanley; Michael N. Diringier; Mark C. Rogers, Baltimore
- 190 VIRAL HEART DISEASE
Terrence J. Montague; Gary D. Lopaschuk; Norman J. Davies, Edmonton, Canada
- 200 VALVE SITE-SPECIFIC PATHOGENETIC DIFFERENCES BETWEEN RIGHT-SIDED AND LEFT-SIDED BACTERIAL ENDOCARDITIS
Arnold S. Bayer; Dean C. Norman, Torrance and Los Angeles
- 206 INFLUENCE OF GLOTTIC MECHANISM ON PULMONARY FUNCTION AFTER ACUTE LUNG INJURY
Robert A. Smith; Bahman Venus; Michael T. Johnson; Carolyn Carter, Jacksonville, Florida
- 209 CALCIFIED ENDOBRONCHIAL MASS IN A 28-YEAR-OLD MAN
Gregory A. Underwood; George H. Warren; Gregory Downey, Denver
- 211 UTILITY OF ANIMAL MODELS IN THE STUDY OF HUMAN AIRWAY DISEASE
Adam Wanner, Miami
- 218 CIRCADIAN INFLUENCE IN CARDIOVASCULAR DISEASE (PART 2)
Gabriel A. Valle, Louis Lerner, Miami
- 222 TORSADES DE POINTES ASSOCIATED WITH ANTIMICROBIAL THERAPY FOR PNEUMONIA
Joseph Lindsay, Jr; Margo A. Smith; Jimmy A. Light, Washington, DC
- 224 BIFASCICULAR BLOCK AND WOLFF-PARKINSON-WHITE SYNDROME
Peter Rakovec, Ljubljana, Yugoslavia
- 226 NATIONAL ASTHMA EDUCATION PROGRAM
Claude Lenfant; Suzanne S. Hurd, Bethesda
- 228 UNILATERAL LUNG HYPERINFLATION AND HERNIATION AS A MANIFESTATION OF INTRINSIC PEEP
Scott E. Eveloff; Sharon Rounds; Sidney S. Berman, Providence
- 229 REDUCTION OF PEAK INSPIRATORY PRESSURE USING HIGH FREQUENCY JET VENTILATION AND PRESSURE CONTROL VENTILATION FOLLOWING PNEUMONECTOMY
David Lain; Edward F. Crocker, Jr; Bashir A. Chaudhary; Joseph W. Rubin, Augusta
- 231 THE GROWING TERATOMA SYNDROME; A CASE OF PRIMARY MEDIASTINAL NONSEMINOMATOUS GERM CELL TUMOR TREATED WITH CHEMOTHERAPY AND RADIOTHERAPY
Li-Tzong Cheng; Cheng-Lung Chen; Wei-Shou Huang, Taipei, Taiwan
- 233 ENDOBRONCHIAL VASCULAR OCCLUSION COILS FOR CONTROL OF A LARGE PARENCHYMAL BRONCHOPLEURAL FISTULA
Christopher J. Salmon; Ronald B. Ponn; Jack L. Westcott, New Haven
- 235 BRONCHOSCOPIC LASER PHOTOCOAGULATION OF SUPERFICIAL CANCER OF THE BRONCHI
Valery A. Gerasin; Yuri N. Levashov; Boris B. Shafirovsky; Yuri D. Berezin; Vladimir M. Jurba; Galina F. Palamarchuk, Leningrad, USSR
- 236 UNDIFFERENTIATED CARCINOMA WITH PROMINENT LYMPHOCTIC INFILTRATION (SO-CALLED LYMPHOEPITHELIOMA) IN THE TRACHEA
Masataka Onizuka; Mikio Doi; Kiyofumi Mitsui; Takesaburo Ogata; Motokazu Hori, Tsukuba City, Japan
- 237 PULMONARY TALC GRANULOMATOSIS IN A COCAINE SNIFFER
Marwan Oubeid; John T. Bickel; Ellis A. Ingram; Graham C. Scott, Columbia, Missouri
- 239 VENTRICULAR INVERSION WITH TRUNCUS ARTERIOSUS
Bruno Marino; Luigi Ballerini; Angelo Soro, Rome, Italy
- 241 EXUDATIVE POLYSEROSITIS AND ACUTE RESPIRATORY FAILURE FOLLOWING PRAZIQUANTEL THERAPY
M. Azher; Faisal A. El-Kassimi; Stephen G. Wright; Adnan Mofit, Riyadh, Saudi Arabia and London, England
- 243 RAPIDLY PROGRESSIVE BRONCHIOLITIS OBLITERANS ASSOCIATED WITH STEVENS-JOHNSON SYNDROME
Naohisa Tsunoda; Tomoaki Iwanaga; Tatsuya

- Saito; Satoshi Kitamura; Ken Saito, Tochigi, Japan
- 245 PULMONARY ALVEOLAR MICROLITHIASIS WITH PLEURAL CALCIFICATION AND NEPHROLITHIASIS
Kauschal Pant; Ashok Shah; Rakesh Kumar Mathur; Sunil Kumar Chhabra; Sushil Kumar Jain, Delhi, India
- 247 TRAZODONE-RELATED EXERCISE-INDUCED NONSUSTAINED VENTRICULAR TACHYCARDIA
Raymond N. Vitullo; J. Marcus Wharton; Nancy B. Allen; Edward L. C. Pritchett, Durham, NC
- 248 TRAUMATIC DIAPHRAGMATIC HERNIA PRESENTING AS A CHEST WALL MASS
James C. Jones; Mark R. Nyreen; Virginia Stowell, Tacoma
- 250 SEVERE PULMONARY HYPERTENSION WITH DIFFUSE SMOOTH MUSCLE PROLIFERATION OF THE LUNGS
Sergiusz Jozwiak, Warsaw, Poland
- 250 MEMORY PHENOTYPE OF ALVEOLAR T CELLS IN SARCOIDOSIS
Roberto Gerli, Samir Danwesh, Perugia, Italy
- 251 CAROTID BODY RESECTIONS
John L. Shek, Saginaw, Michigan
- 251 EVALUATING VENTILATOR THERAPY
Eric H. Gluck, Hartford, Connecticut
Additional Commentary—R. Steven Tharratt; Roblee P. Allen; Timothy E. Albertson, Sacramento
Response—Michael A. Matthay, San Francisco
- 253 P CARINII INFECTION
F. Capron; B. Guidet; T. Urban; E. Maury, Paris, France
- 253 THE ROLE OF DIPYRIDAMOLE IN BRONCHOSPLASM
J. J. G. Houben, Alkmaar, The Netherlands
Response—Jean Lette; Michel Cerino; Jacques Tremblay, Montreal, Canada
- 255 SURVIVAL AFTER CPR
Robert L. Smith, New York
Response—Anthony J. Tortolani, Manhasset, New York
- 255 HEMORRHAGE AFTER BYPASS SURGERY
Bruce D. Spies; Robert J. McCarthy; Kenneth J. Tuman; Anthony D. Ivankovich, Chicago
Response—Aurel C. Cernaianu, Anthony J. Del Rossi, Camden

NUMBER 2, AUGUST, 1990

- 257 WAS A MAGIC BULLET AIMED IN THE RIGHT DIRECTION?
William C. Shoemaker, Los Angeles
- 257 CLASSIFICATION OF IMMEDIATE-TYPE, LIFE-THREATENING ALLERGIC OR PSEUDOALLERGIC REACTIONS
Roy Patterson; Mark S. Dykewicz; Leslie C. Grammer; Paul A. Greenberger; Ira D. Lawrence; Cheryl L. Walker; Sansan Wong; C. Raymond Zless, Chicago
- 259 STRETCHING THE EFFECT OF THE BALLOON: MITRAL VALVULOPLASTY AND PULMONARY FUNCTION
John A. Bittl, Boston
- 260 DIAGNOSTIC STUDIES IN CATAMENIAL HEMOPTYSIS
G. Gary Guidry; Ronald B. George, Shreveport
- 261 OCCUPATIONAL ASTHMA IN THE EGG PROCESSING INDUSTRY
Charles E. Reed, Rochester, Minnesota
- 263 EFFECT OF BECLOMETHASONE DIPROPIONATE ON THE BRONCHIAL RESPONSIVENESS TO PROPRANOLOL IN ASTHMATICS
Giuseppe Carpentieri; Francesco Castello; Salvatore Marino, Palermo, Italy
- 266 RECURRENT PNEUMOTHORAX IN AIDS PATIENTS WITH PNEUMOCYSTIS PNEUMONIA: A CLINICOPATHOLOGIC REPORT OF THREE CASES AND REVIEW OF THE LITERATURE
Michael F. Beers; Min Sohn; Morris Swartz, Philadelphia
- 271 ND:YAG LASER BRONCHOSCOPY; RIGID OR FIBEROPTIC MODE?
Andrew L. Chan; R. Steven Tharratt; Allan D. Siefkin; Timothy E. Albertson; William G. Volz; Roblee P. Allen, Sacramento
- 276 EFFECTS OF AEROSOL ADMINISTRATION OF A THROMBOXANE SYNTHETASE INHIBITOR (OKY-046) ON BRONCHIAL RESPONSIVENESS TO ACETYLCHOLINE IN ASTHMATIC SUBJECTS
Masaki Fujimura; Shinji Nishioka; Ichiro Kumabashiri; Tamotsu Matsuda; Junichiro Mifune, Kanazawa and Fukui, Japan
- 280 PULSED DOPPLER ECHOCARDIOGRAPHY IN

- THE DIAGNOSIS OF PULMONARY HYPERTENSION IN COPD
Michel Migourel; Roger Escamilla; Florent Coca; Alain Didier; Michel Krempf, Toulouse, France
- 286 USEFULNESS OF LEFT AND RIGHT OBLIQUE SUBCOSTAL VIEW ON THE ECHO-DOPPLER INVESTIGATION OF PULMONARY ARTERIAL BLOOD FLOW IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE
Angelo Ferrazza; Bruno Marino; Vittorio Giusti; Vincenzo Affinito; Pietro Ragonesi, Rome, Italy
- 290 IMPROVEMENT IN PULMONARY FUNCTION IN MITRAL STENOSIS AFTER PERCUTANEOUS TRANSVENOUS MITRAL COMMISSUROTOMY
Takao Yoshioka; Nirofumi Nakanishi; Sumppei Okubo; Takeyoshi Kunieda; Fuminobu Ishikura; Seiki Nagata, Osaka, Japan
- 295 SEVERE EXACERBATIONS OF COPD AND ASTHMA: INCREMENTAL BENEFIT OF ADDING IPRATROPIUM TO USUAL THERAPY
David M. Patrick; Robert E. Dales; Ryan M. Stark; Ginette Laliberte; Garth Dickinson, Ottawa, Canada
- 298 CORRELATIONS BETWEEN DYSPNEA, DIAPHRAGM AND STERNOMASTOID RECRUITMENT DURING INSPIRATORY RESISTANCE BREATHING IN NORMAL SUBJECTS
Eileen H. Breslin; Bill C. Garoutte; Virginia Kohlman-Carrier; Bartolome R. Celli
- 303 LONG-TERM REPRODUCIBILITY OF TESTS OF SMALL AIRWAYS FUNCTION; COMPARISONS WITH SPIROMETRY
William M. Vollmer; Lynn E. McCamant; Larry R. Johnson; A. Sonia Bui, Portland, Oregon
- 308 DONOR SELECTION FOR SINGLE AND DOUBLE LUNG TRANSPLANTATION: CHEST SIZE MATCHING AND OTHER FACTORS INFLUENCING POSTTRANSPLANTATION VITAL CAPACITY
Shinichiro Miyoshi; Hans-Jochim Schaefer; E. P. Trulock; Fumio Yamazaki; Hans Schreinemakers; G. A. Patterson; Joel Cooper, Toronto and St. Louis
- 314 TESTING FOR ISONIAZID: AN EVALUATION OF THE ARKANSAS METHOD
Dean E. Schraufnagel; Ramon Stoner; Edith Whiting; Gail Snukst-Torbeck; Mary Jo Werhand, Chicago
- 317 OBSTRUCTIVE SLEEP APNEA TREATED BY INDEPENDENTLY ADJUSTED INSPIRATORY AND EXPIRATORY POSITIVE AIRWAY PRESSURES VIA NASAL MASK; PHYSIOLOGIC AND CLINICAL IMPLICATIONS
Mark H. Sanders; Nancy Kern, Pittsburgh
- 325 TREATMENT OF OBSTRUCTIVE SLEEP APNEA: A PRELIMINARY REPORT COMPARING NASAL CPAP TO NASAL OXYGEN IN PATIENTS WITH MILD OSA
Barbara A. Phillips; Frederick A. Schmitt; David T. R. Berry; David G. Lamb; Muhammad Amin; Yvette R. Cook, Lexington, Kentucky
- 331 ERYTHEMA MULTIFORME AND STEVENS-JOHNSON SYNDROME: DESCRIPTIVE AND THERAPEUTIC CONTROVERSY
Roy Patterson; Mark S. Dykewicz; Armand Gonzales; Leslie C. Grammer; David Green; Paul A. Greenberger; Kris G. McGrath; Cheryl L. Walker, Chicago
- 337 AN EVALUATION OF FLOW-VOLUME CURVES AS A SCREENING TEST FOR OBSTRUCTIVE SLEEP APNEA
I. Katz; N. Zamei; A. S. Slutsky; A. S. Rebuck; Victor Hoffstein, Toronto, Canada
- 341 COMPUTED TOMOGRAPHY IN THE ETIOLOGIC ASSESSMENT OF IDIOPATHIC SPONTANEOUS PNEUMOTHORAX
Olivier Lesur; Nicolas Delorme; Jean Michel Fromaget; Pierre Bernadac; Jean Marie Polu, Nancy, France
- 348 BLOOD HYPEREOSINOPHILIA IN THE COURSE OF POSTTRAUMATIC PLEURAL EFFUSION
Francois Maltais; Francis Laberge; Yvon Cormier, Ste-Foy, Quebec, Canada
- 352 EXERCISE LIMITATION IN PATIENTS WITH POLYMYOSITIS
Cullen A. Hebert; Timothy J. Byrnes; Bruce A. Baethge; Robert E. Wolf, Shreveport; Gary T. Kinasewitz, Oklahoma City
- 358 VARIATIONS OF RESPIRATORY IMPEDANCE WITH LUNG VOLUME IN BRONCHIAL HYPERREACTIVITY
Frank J. J. van den Elshout; Karel P. van de Woestijne; Hans Th. M. Folgering
- 365 FLOW CHARACTERISTICS OF BIOPROSTHETIC HEART VALVES
Mayer Y. Rashtian; Dana M. Stevenson; David T. Allen; Ajit P. Yoganathan; Earl C. Harrison; W. Alan

- Edmiston; Shahbudin H. Rahimtoola
- 376 BETA-2 ADRENOCEPTORS IN HUMAN LUNG AND PERIPHERAL MONONUCLEAR LEUKOCYTES OF UNTREATED AND TERBUTALINE-TREATED PATIENTS
Rainer W. Hauck; Michael Böhm; Susanne Gengenbach; Ludger Sunder-Plassmann; Günter Frühmann; Erland Erdmann, Munich, West Germany
- 382 THE RADIOGRAPHIC APPEARANCE OF PULMONARY NOCARDIOSIS ASSOCIATED WITH AIDS
Mordchai R. Kramer; Raj Uttamchandani, Miami
- 386 OCCUPATIONAL EXPOSURE TO AEROSOLIZED PENTAMIDINE
A. Bruce Montgomery; Kevin J. Corkery; Elisa R. Brunette; Gifford S. Leoung; Hetty Waskin; Robert J. Debs
- 389 INTRAUTERINE GROWTH IS RELATED TO GESTATIONAL PULMONARY FUNCTION IN PREGNANT ASTHMATIC WOMEN
Michael Schatz; Robert S. Zeiger; Clement P. Hoffman; and the Kaiser-Permanente Asthma and Pregnancy Study Group, San Diego
- 393 AIRWAY CARCINOEMBRYONIC ANTIGEN CONCENTRATIONS IN PATIENTS WITH CENTRAL LUNG CANCER OR CHRONIC BRONCHITIS
Lewis J. Wessellus; Diana S. Dark; Christopher J. Pappas, Kansas City, Missouri and Kansas
- 398 EVALUATION OF OCCUPATIONAL ASTHMA FROM AIRBORNE EGG PROTEIN EXPOSURE IN MULTIPLE SETTINGS
Alexander Blair Smith; David I. Bernstein; Matthew A. London; Joan Gallagher; Gregory A. Ornela; Susan K. Gellerty; Ken Wallingford; Mary A. Newman
- 405 EFFECTS OF PROSTAGLANDIN, ON OXYGEN DELIVERY AND CONSUMPTION IN PATIENTS WITH THE ADULT RESPIRATORY DISTRESS SYNDROME: RESULTS FROM THE PROSTAGLANDIN E, MULTICENTER TRIAL
Henry J. Silverman; Gus Slotman; Roger C. Bone; Richard Maunders; Thomas M. Hyers; Morris D. Kerstein; Joseph J. Ursprung; and the Prostaglandin E, Study Group
- 411 OXYGEN COST OF BREATHING AND DIAPHRAGMATIC PRESSURE-TIME INDEX: MEASUREMENT IN PATIENTS WITH COPD DURING WEANING WITH PRESSURE SUPPORT VENTILATION
Guy J. Annat; Jean P. Viale; Cyril P. Deroyez; Yves M. Bouffard; Bertrand X. Delafosse; Jean P. Molin, Lyon, France
- 415 OXYGEN DELIVERY AND OXYGEN UPTAKE IN POSTOPERATIVE AND SEPTIC PATIENTS
Cornelis G. Vermeij; Bouke W. A. Feenstra; Hajo A. Bruining, Rotterdam, The Netherlands
- 421 A NEW METHOD FOR MEASUREMENT OF AIRWAY OCCLUSION PRESSURE
Matthew Brenner; David S. Mukai; Janet E. Russell; Eugene M. Spiritus; Archie F. Wilson, Orange, California
- 428 THE VENTILATOR-ASSISTED INDIVIDUALS STUDY
Allen I. Goldberg; Donna Frommeltter, Chicago
- 434 PROPAFENONE: A PROMISING NEW ANTIARRHYTHMIC AGENT
Edward N. Shen, Honolulu
- 442 CHEST PAIN AND INCREASED CK-MB ENZYME LEVELS
Demetrios Georgiou, Chicago; Bruce H. Brundage, Torrance, California
- 448 THE HIGH PRICE OF BRONCHOSCOPY: MAINTENANCE AND REPAIR OF THE FLEXIBLE FIBEROPTIC BRONCHOSCOPE
Atul C. Mehta; Patricia S. Curtis; Mary Lou Scaltziti; David P. Meeker, Cleveland
- 455 ASYMPTOMATIC PULMONARY CYST IN A COLLEGE STUDENT
Brian P. Burlew; Ewing W. Cook, Jr.; John S. Thiele, New Orleans
- 458 PRESSURE SUPPORT AND FLOW-CYCLED, ASSISTED MECHANICAL VENTILATION IN ACUTE LUNG INJURY
Edward K. McGough; Michael J. Banner; Philip G. Boyesen, Gainesville, Florida
- 463 TYPE 3 AND TYPE 4 ERRORS IN THE STATISTICAL EVALUATION OF CLINICAL TRIALS
Eugene D. Robin; Norman J. Lewiston, Palo Alto
- 466 CURRENT USE OF IMAGING IN THE EVALUATION OF PRIMARY MEDIASTINAL MASSES
Kathleen Brown; Denise R. Aberle; Poonam Batra; Richard J. Steckel, Los Angeles
- 474 THE MANAGEMENT OF CHRONIC HYPOVENTILATION
David A. Strumpf; Richard P. Millman; Nicholas S. Hill, Providence, Rhode Island

481 METASTATIC RENAL CELL CARCINOMA; AN UNUSUAL CAUSE OF SYNCOPE
Richard I. Fogel; Gary J. Balady; Michael D. Klein; Ahmad Rajai-Khorasani, Boston

482 HALOPERIDOL-INDUCED TORSADES DE POINTES
M. Kriwsky; G. Y. Perry; D. Tarchitsky; Y. Gutman; Y. Kishon, Holon, Israel

484 ISOLATED RUPTURE OF THE RIGHT VENTRICLE IN A PATIENT WITH ACUTE INFERIOR WALL MI
Andrew B. Woldow; Steven J. Mattelman; Sarel G. G. Abaza; Fred K. Nakhjavan, Philadelphia

485 PSEUDOMONAS AERUGINOSA EMPYEMA IN AN ADULT WITH CYSTIC FIBROSIS
Hugh Messtiz; Glenn Bowes, Prahran, Australia

487 MANAGEMENT OF A LARGE MEDIASTINAL CYST OF THYROID ORIGIN
Francesco Minni; Verdi J. DiSessa; Paolo Masetti; Domenico Marrano, Bologna, Italy and Boston

489 DRAMATIC ELECTROCARDIOGRAPHIC T-WAVE CHANGES ASSOCIATED WITH GASTRIC DILATION
Michael A. Fraix; Katherine Rodgers, Winnipeg, Canada

491 ACQUIRED TRACHEOBRONCHOMEGALY RESULTING IN SEVERE RESPIRATORY FAILURE
Urmila Shivaram; Indukala Shivaram; Mary Cash, Brooklyn

493 SERENDIPITOUS DISCOVERY DURING JUGULAR CATHETERIZATION; PARTIAL ANOMALOUS PULMONARY VENOUS CONNECTION
Mark E. Wylam; Gregory A. Schmidt, Chicago

495 THREATENED REINFARCTION: EFFECTIVE THERAPY USING STREPTOKINASE WITH REVERSAL OF CARDIOGENIC SHOCK
William R. Andrews; J. Malcolm O. Arnold; William J. Sibbald, London, Canada

497 LIFE-THREATENING BLEOMYCIN PULMONARY TOXICITY WITH ULTIMATE REVERSIBILITY
Lynn C. Hartmann; Stephen Frytak; Ronald L. Richardson; Douglas T. Coles; Roger E. Cupps, Rochester, Minnesota

499 DIAPHRAGMATIC PARALYSIS WITHOUT BULBAR OR LIMB PARALYSIS IN MULTIPLE SCLEROSIS
Mindy Aisen; Geoffrey Arit; Steven Foster, White Plains and New York City

501 NEARLY FATAL IDIOPATHIC ANAPHYLACTIC REACTION RESULTING IN CARDIOVASCULAR COLLAPSE AND MYOCARDIAL INFARCTION
Sansan Wong; Paul A. Greenberger; Roy Patterson, Chicago

503 BILATERAL SPONTANEOUS PNEUMOTHORACES CAUSED BY METASTATIC OVARIAN GRANULOSA CELL TUMOR
Paul G. Davidson; Joseph T. McGinn Jr; Steven L. Goldberg

505 ACUTE CORONARY ANGIOPLASTY AFTER RECENT CORONARY ANGIOPLASTY; ASSOCIATION WITH EXERCISE AND SUCCESSFUL TREATMENT WITH INTRACORONARY THROMBOLYSIS
Francesco Bedogni; Luigi La Vecchia; Sandro Arfieri; Antonio Castellani; Mario Vincenzi, Vicenza, Italy

507 SYSTEMIC TOXICITY FOLLOWING INTRACAVITARY ADMINISTRATION OF BLEOMYCIN
Robert D. Siegel; Fred J. Schiffman, Providence, Rhode Island

508 CHRONIC BRONCHITIS IN PIGEON FANCIERS
Teresa Carillo; Felipe Rodriguez de Castro; Manuela Cuevas; Pedro Cabrera, Las Palmas de Gran Canaria, Spain

508 FIBERBRONCHOSCOPY IN SMEAR-NEGATIVE MILIARY TUBERCULOSIS
J. J. Watson; J. Wiggins; J. V. Collins, London, England
Response—Kauschal Pant, Delhi, India

509 FAT EMULSION IN ARDS
S. Zakynthinos; G. Baltopoulos; Ch. Roussos, Athens, Greece
Response—Bahman Venus, Jacksonville, Florida

510 SCIMITAR SYNDROME
Julia Harre, John V. Forrest, San Diego
Response—Gregor P. M. Mannes, Pieter E. Postmus, Groningen, The Netherlands

511 VASCULITIS IN TUBERCULOUS INFECTION
Hok Sum Chan, Joseph Pang, Shatin, Hong Kong

511 BRONCHIAL HYPERRESPONSIVENESS IN PATIENTS WITH CHRONIC PULMONARY CONGESTION
Jan Zielski, Warsaw, Poland
Response—Jean-Luc Malo, Montreal, Canada

512 FUNGAL INFECTION WITH NON-HODGKIN'S LYMPHOMA

Bernard Roth, Tacoma; Stephen Crawford, Seattle

512 BRONCHOSOPHAGEAL FISTULA IN SMALL CELL LUNG CANCER
Joseph C. Koval, Robert M. Curley, Scranton
Response—Pieter E. Postmus; Bram Limberg; Henric G. Russchen, Groningen, The Netherlands

513 CYTOLOGIC DIAGNOSIS IN BRONCHOALVEOLAR LAVAGE SPECIMENS
Joaquim Bellmunt; Javier De Garcia; Serafin Morales; Ramon Orriols; Tallada Tallada, Barcelona, Spain

514 CHICKENPOX AND PNEUMOTHORAX
J. G. Barone; M. R. Todd; R. Maise; J. E. Barone, Philadelphia

514 PLEURAL FLUID ACIDOSIS IN THE MALIGNANT VARIANT OF BENIGN PLEURAL MESOTHELIOMA
Robert D. Brandstetter; Frank M. Tamarin; Owen J. O'Neill; Albert F. R. Andresen, Jr; William C. Schraft; José Perez, New Rochelle, New York

515 DIFFUSE PANBRONCHIOLITIS OBSERVED IN AN ITALIAN
Venerino Poletti; Marco Patelli; Giovanni Poletti; Tiziano Bertani; Luigi Spiga, Bologna, Italy

516 PROPHYLAXIS FOR POST-PERFUSION CABG BLEEDING
Robert E. Jones, Lawrence H. Cohen, Boston
Response—Aurel C. Cernaianu; Anthony J. DeRossi, Camden, New Jersey

517 BRONCHOALVEOLAR LAVAGE IN SARCOIDOSIS AND HIV INFECTION
Warren L. Whitlock; William S. Lowery, Robert A. Dietrich, San Francisco
Additional commentary—Barry S. Diccio, Washington, DC
Response—Lawrence F. Coats, Camp Lejeune, North Carolina; Angeline A. Lazarus, Portsmouth, Virginia

518 MESOTHELIAL CELLS AND TUBERCULOUS PLEURITIS
Sebastián de los Santos-Sastre; Emilia Barrot-Cortés; Francisco L. Barragán-Marquez, Huelva, Spain
Response—Kam-Yung Lau, Riverside, California

518 VARIABLES IN HISTAMINE INHALATION TESTS
Israel Amirav, Safed, Israel
Response—D. W. Cockcroft, T. S. Hurst, Saskatoon, Canada

519 METHEMOGLOBINEMIA AFTER LIDOCAINE ADMINISTRATION
John Hansen-Flaschen, Philadelphia

520 PCIRV—A MODE OF VENTILATION ASSOCIATED WITH PROBLEMS
Stephan H. Boehm; Lindell K. Weaver; Thomas D. East; Alan H. Morris, Salt Lake City
Response—Edward Abraham, Los Angeles

NUMBER 2, AUGUST, 1990 (Supplement)
Scientific Highlights, 56th Annual Scientific Assembly: Abstracts of Original Investigations

NUMBER 3, SEPTEMBER, 1990

521 PLEURAL EFFUSION IN CONGESTIVE HEART FAILURE
Simon Chakko, Miami

522 A ROLE FOR INTERMEDIATE, HETEROZYGOUS ALPHA₁-ANTITRYPSIN DEFICIENCY IN OBSTRUCTIVE LUNG DISEASE
Jack Lieberman, Sepulveda, California; Charlotte Colp, New York

523 CHF, RALES AND THE DCO
Jack L. Clausen, San Diego

524 THINGS THAT GO AROUND COME AROUND, EVEN IN THE INTENSIVE CARE UNIT
Ronald L. Koretz, Sylmar, California

526 A SOUND IDEA
Mark K. Ferguson, Chicago

528 INFLAMMATORY MARKERS IN BRONCHOALVEOLAR LAVAGE AND IN BRONCHIAL BIOPSY IN ASTHMA DURING REMISSION
Antonio Foresi; Giuseppina Bertorelli; Alberto Pesci; Alfredo Chetta; Dario Olivieri, Parma, Italy

536 BRONCHOALVEOLAR LAVAGE AND MORPHOLOGY OF THE AIRWAYS AFTER CESSATION OF EXPOSURE IN ASTHMATIC SUBJECTS SENSITIZED TO TOLUENE DIISOCYANATE
Pierluigi Paggiaro; Elena Bacci; Paolo Paoletti; Paola Bernard; Federico L. Dente; Gabriella Marchetti; Donatella Talini; Gian Franco Menconi; Carol Giuntini, Pisa, Italy

543 ENHANCEMENT OF HYPOXEMIA BY ATRIAL SHUNTING IN CYSTIC FIBROSIS
Alexander Davidson; Krishnaswamy Chandrasekaran; Louis Guida; Douglas S. Holclaw, Jr, Philadelphia

546 THE SERUM-EFFUSION ALBUMIN GRADIENT IN THE EVALUATION OF PLEURAL EFFUSIONS
Bernard J. Roth; Thomas F. O'Meara; W. Hal Cragun, Tacoma

550 PULMONARY DIFFUSING CAPACITY IN LEFT VENTRICULAR DYSFUNCTION
Jeffrey L. Siegel; Albert Miller; Lee K. Brown; Albert DeLuca; Alvin S. Teirstein, New York

554 A FAMILY STUDY OF SLEEP APNEA; ANATOMIC AND PHYSIOLOGIC INTERACTIONS
Sherif E. Bayadi; Richard P. Millman; Peter V. Tishler; Cynthia Rosenberg; William Saliski; Mary Ann Boucher, Susan Redline

560 PREDICTIVE VALUE OF BRONCHOALVEOLAR LAVAGE IN PULMONARY SARCOIDOSIS
André Verstraeten; Maurits Demedts; Jo Verwighen; André van den Eckhout; Godelieve Lauen, Ludovic M. Lacquet; Jan L. Ceuppens, Leuven, Belgium

568 DETECTION OF CYTOMEGALOVIRUS IN BRONCHOALVEOLAR LAVAGE SPECIMENS
Gail L. Woods; Austin B. Thompson; Stephen L. Rennard; James Linder, Omaha

576 EFFECT OF BRONCHOALVEOLAR LAVAGE FLUID FROM PATIENTS WITH SARCOIDOSIS OR AIDS ON INTERLEUKIN 18 RELEASE FROM ALVEOLAR MACROPHAGES
Zheng-Bo Huang; Edward Eden, New York

581 SURVIVAL CHARACTERISTICS AFTER NEO-DYMIUM-YAG LASER PHOTORESECTION IN ADVANCED STAGE LUNG CANCER
David J. Ross; Zab Moheeni; Spencer K. Koerner, Los Angeles

586 ENDOSCOPIC ULTRASOUND EXAMINATION FOR MEDIASTINAL LYMPH NODE METASTASES OF LUNG CANCER
Daizo Kondo; Munehisa Imaizumi; Toshio Abe; Tsuguo Naruke; Keiichi Suemasu, Tokyo, Japan

594 ASSOCIATION OF MS PI PHENOTYPE WITH AIRWAY HYPERRESPONSIVENESS
R. G. Townley; J. G. Southard; P. Radford; R. J. Hopp; A. K. Bewtra; L. Ford, Omaha

600 ANALYSIS OF AIRFLOW OBSTRUCTION BY BRONCHOALVEOLAR LAVAGE FOLLOWING BONE MARROW TRANSPLANTATION; IMPLICATIONS FOR PATHOGENESIS AND TREATMENT
Roy C. St. John; James E. Gadek; Peter J. Tutschka; Neena Kapoor; Paul M. Dorinsky, Columbus, Ohio

608 MUCOCILIARY CLEARANCE FROM CENTRAL AIRWAYS IN PATIENTS WITH EXCESSIVE SPUTUM PRODUCTION WITH AND WITHOUT PRIMARY CILIARY DYSKINESIA
Gerald L. Baum; S. Tzila Zweis; Ido Katz; Yehuda Roth, Tel Aviv, Israel

613 NONINVASIVE OPTIONS FOR VENTILATORY SUPPORT OF THE TRAUMATIC HIGH LEVEL QUADRIPLEGIC PATIENT
John R. Bach; Augusta S. Alba

620 RECOVERY OF THE VENTILATORY AND UPPER AIRWAY MUSCLES AND EXERCISE PERFORMANCE AFTER TYPE A BOTULISM
Pearce B. Wilcox; Nancy J. Morrison; Richard L. Pardy, Vancouver, Canada

627 APACHE II IN SURGICAL LUNG CARCINOMA PATIENTS
Giuseppe Giangliani; Daniele Gui; Pierluigi Bonatti; Piergiorgio Tozzi; Francesco Caracciolo, Rome, Italy

631 RESPIRATORY FAILURE OF ACUTE ORGANOPHOSPHATE AND CARBAMATE POISONING
Thomas Chang-Yao Tsao; Yeong-Chang Juang; Ray-Shee Lan; Wen-Bin Shieh; Cheng-Huei Lee, Taipei, Taiwan, Republic of China

637 EFFICACY OF ATROPINE METHYLNITRATE ALONE AND IN COMBINATION WITH ALBUTEROL IN CHILDREN WITH ASTHMA
Pakit Vichayanond; Wayne A. Sladek; Sanjiv Sur; Malcolm R. Hill; Stanley J. Szefer; Harold S. Nelson, Denver

643 THE FLOW-RATIO INDEX; AN APPROACH FOR MEASURING THE INFLUENCE OF AGE AND CIGARETTE SMOKING ON MAXIMUM EXPIRATORY FLOW-VOLUME CURVE CONFIGURATION
Carl R. O'Donnell; Richard M. Rose, Boston

647 EFFECTS OF CONTINUOUS NEGATIVE EXTRA-THORACIC PRESSURE VENTILATION ON RENAL FUNCTION AND ALPHA-ATRIAL Natriuretic Peptide in Normal Individuals

- Tomio Andoh; Ichidai Kudoh; Hisai Doi; Kazuhiro Kaneko; Yoshito Okutsu; Fukuichirou Okumura, Yokohama, Japan
- 651 ACID-BASE DISTURBANCES IN ACUTE ASTHMA
Richard D. Mountain; John E. Heffner; Newton C. Brackett, Jr.; Steven A. Sahn, Charleston
- 656 ATTENUATING EFFECT OF A THROMBOXANE SYNTHETASE INHIBITOR (OKY-046) ON BRONCHIAL RESPONSIVENESS TO METHACHOLINE IS SPECIFIC TO BRONCHIAL ASTHMA
Masaki Fujimura; Sayuri Sakamoto; Tamotsu Matsuda, Kanazawa, Japan
- 661 RECOVERY AFTER UNILATERAL PHRENIC INJURY ASSOCIATED WITH CORONARY ARTERY REVASCULARIZATION
Pearce G. Wilcox; Peter D. Paré; Richard L. Pardy, Vancouver, Canada
- 667 DIASTOLIC TIME DURING STATIC AND DYNAMIC EXERCISE IN MYOCARDIAL INFARCTION
Tadashi Hasegawa; Tetsuro Sugiura; Masahide Matsutani; Tsutomu Sumimoto; Toshiiji Kwasaka; Mitsuo Inada, Osaka, Japan
- 672 CARDIAC ARRHYTHMIAS DURING THEOPHYLLINE TOXICITY: A PROSPECTIVE CONTINUOUS ELECTROCARDIOGRAPHIC STUDY
Curtis N. Sessler; Mark D. Cohen, Richmond, Virginia
- 679 ESOPHAGOGASTRIC FISTULA WITH PREVIOUS PERICARDITIS COMPLICATING ESOPHAGEAL ULCERATION
Richard W. Snyder; Peter R. Dumas; Byron E. Kolts
682 ENERGY EXPENDITURES OF MECHANICALLY VENTILATED NONSURGICAL PATIENTS
Stephen B. Liggett, Durham; Anne D. Renfro, St. Louis
- 687 OXYGEN TRANSPORT AND OXYGEN CONSUMPTION IN CRITICALLY ILL PATIENTS
Jesus Villar; Arthur S. Slutsky; Ernest Hew; Arnold Aberman, Toronto, Canada
- 693 HELIUM-OXYGEN MIXTURES IN INTUBATED PATIENTS WITH STATUS ASTHMATICUS AND RESPIRATORY ACIDOSIS
Eric H. Gluck; Douglas J. Onorato; Richard Castriotta, Hartford
- 699 MYOCARDIAL OXYGEN SUPPLY AND DEMAND
Abbas Ardehali; Thomas A. Ports, San Francisco
- 706 HAS THE TREATMENT OF ASTHMA IMPROVED?
Tim Higenbottom; Ian Hay, Cambridge, England
- 713 CATAMENIAL PNEUMOTHORAX
E. Jane Carter; David B. Eitensohn, Providence, Rhode Island
- 717 PANCREATIC PSEUDOCYST; AN UNCOMMON MEDIASTINAL MASS
Alan G. Casson; Richard Inoulet, London, Canada
- 719 PROPHYLACTIC ANTIBIOTIC USAGE IN CARDIOTHORACIC SURGERY
Joseph LoCicero, III, Chicago
- 724 ACUTE AND SUBACUTE EFFECTS OF INJURY ON THE CANINE ALVEOLAR SEPTUM
Timothy Takaro; William E. Chapman; Ricky Burnett; Sandra Cordell, Asheville, NC
- 733 FAILURE OF LUNG REPAIR FOLLOWING ACUTE LUNG INJURY: REGULATION OF THE FIBROPROLIFERATIVE RESPONSE (PART 1)
Linda S. Snyder; Marshall I. Hertz; Keith R. Harmon; Peter B. Bitterman, Minneapolis
- 739 RECURRENT PNEUMONIA
Eugene F. Geppert, Chicago
- 746 CARDIOPULMONARY PHYSICIANS' PREFERRED FORMATS FOR CONTINUING MEDICAL EDUCATION
James L. Breeling; Laurie Sundlie, Park Ridge, Illinois
- 749 MASKED ATRIAL TACHYCARDIA WITH VENTRICULAR PSEUDOBIGEMINY BY L3 TRACKING OF DDD PACEMAKER
Daniel A. N. Mascarenhas; David H. Spodick, Worcester, Massachusetts
- 750 CONGENITAL INTRATHORACIC LEFT VENTRICULAR DIVERTICULUM IN AN ADULT
Caroline Sullen; Beat Friedli; Wilhelm Rutishauser, Geneva, Switzerland
- 752 PRIMARY PULMONARY ARTERY SARCOMA; A METHOD OF RESECTION
Mary L. Redmond; John W. Shepard, Jr.; Thomas A. Gaffey; W. Spencer Payne, Rochester, Minnesota
- 754 FEVER, PULMONARY INFILTRATES, AND PLEURAL EFFUSION FOLLOWING ACYCLOVIR THERAPY FOR HERPES ZOSTER OPHTHALMICUS
Dorothy W. Pusateri; Robert R. Muder, Pittsburgh
- 756 OBLIGATE MOUTH BREATHING DURING EXERCISE; NASAL AND PHARYNGEAL SARCOIDOSIS
Gregory L. Becker; Michael F. Tenholder; Keith K. Hunt
- 758 LOCALIZED EPICARDITIS MIMICKING CARDIAC TUMOR
Bharat V. Dalvi; Viks V. Bisne; Jagdish M. S. Khandeparkar, Bombay, India
- 759 NIFEDIPINE AND PRAZOSIN IN THE MANAGEMENT OF PULMONARY HYPERTENSION IN CREST SYNDROME
Michael Gilks; Arthur Pollack; Rivka Dresner-Feigin; Eithan Galun; Alan Rubinow, Jerusalem, Israel
- 762 ALBUTEROL AND SPACER-INDUCED ATRIAL FIBRILLATION
Christopher C. Breeden; Benjamin H. Safirstein, Newark
- 763 ASPIRATION PNEUMONIA DUE TO DIFFUSE CERVICAL HYPEROSTOSIS
Clay Warnick; Michael S. Sherman; Raymond W. Lesser, Philadelphia
- 765 COMPLETE RESOLUTION OF ROENTGENOGRAPHIC CHANGES IN A PATIENT WITH PULMONARY HISTIOCYTOSIS X
Susanna Von Essen; William West; Michael Sitorius; Stephen I. Rennard, Omaha
- 767 UNILATERAL BRONCHOSPASM DURING PLEURODESIS IN AN ASTHMATIC PATIENT
Bradly J. Narr; Glenn A. Frommer; Steve G. Peters, Rochester, Minnesota
- 768 A RARE MALPOSITION OF THE CENTRAL VENOUS CATHETER
Mohammad H. Zaman; Purushottam Mitra; Elliott Bondi; Jonas Gintautas; Adel R. Abadir, Brooklyn
- 770 NEUTROPHIL RECRUITMENT IN THE RESPIRATORY TRACT OF A PATIENT WITH PLASMA CELL GRANULOMA OF THE LUNG
Toshio Ozaki; Takashi Haku; Tomohiro Kawano; Susumu Yasuoka; Takeshi Ogu-a, Tokushima, Japan
- 772 ANOTHER COMPLICATION OF THORACOTOMY—PERFORATION OF THE RIGHT ATRIUM
Simcha Meisel; Zvi Ram; Israel Priel; Dvora Nass; Pauline Lieberman, Tel Aviv, Israel
- 774 BRONCHOSCOPY: ENOUGH OR NOT ENOUGH?
Peter Stangel, Pomona, New York
Response—Thomas E. Walsh, Ronald P. Sen, Bethesda
- 775 UTILITY OF ECHOCARDIOGRAPHY IN AIDS
J. Romeu; E. Larrousse; G. Siera; F. Rijs; J. Tor; B. Giotet, Badalona, Spain
Response—Susan R. Hecht, New York
- 776 LARYNGEAL DAMAGE FROM INTUBATION
Xavier Castella; Jaume Gilibert; Francesc Torner, Manresa, Spain
Response—Gene L. Colice, White River Junction, Vermont
- 777 DIAGNOSING PULMONARY EMBOLISM
N. K. Burki, Lexington, Kentucky
Response—William M. Kufs, San Francisco
- 778 MULTIPLE ENDOBRONCHIAL METASTASES DUE TO RENAL CARCINOMA AND LASER THERAPY
Shigenobu Umeji, Okayama, Japan
- 779 TREATMENT OF SPONTANEOUS PNEUMOTHORAX
Howard Liss, Dayton, Ohio
Response—James P. O'Rourke, Johnson City, Tennessee
- 779 ENTICEMENTS FOR FRUITLESS BRONCHOSCOPY
Murray J. Gilman, Atlanta
Response—Jay J. Rohwedder, Phoenix
- 781 LEGAL ISSUES IN CARDIOPULMONARY MEDICINE
James R. Vevaina, New Hyde Park, New York
- 781 PREVENTION OF RECURRENT PULMONARY EMBOLISM
Manuel Monreal; Juan Ruiz; Jordi Roig; Elena Lefoz; Luis Inaraja, Barcelona, Spain
- 782 PLEURAL, ALVEOLAR AND BLOOD T-LYMPHOCYTE SUBSETS IN PLEURO-PULMONARY SARCOIDOSIS
M. P. Flammang d'Ortho; J. Cadranet; B. J. Milleron; G. M. Akoun, Paris, France
- 783 AN UNUSUAL CAUSE OF PNEUMOTHORAX DURING PERCUTANEOUS PLEURAL BIOPSY
Mitchell Schwartz; Daniel Callahan; Curtis N. Sessler, Richmond, Virginia
- 783 COMPLICATION WITH A TRANSBRONCHIAL HISTOLOGIC NEEDLE
Bruce E. Sherling, Mamaroneck, New York
- 784 EXTENDED SURVIVAL WITH A PORCINE MITRAL VALVE BIOPROSTHESIS
Uberto Bortolotti; Aldo Milano; Gaetano Thiene; Alessandro Mazzucco; Vincenzo Gallucci, Padova, Italy

784 ERRATUM

NUMBER 4, OCTOBER, 1990

- 785 AMERICAN COLLEGE OF CHEST PHYSICIANS' CONSENSUS PANEL ON HYPERTENSIVE EMERGENCIES
Edward D. Frohlich, New Orleans
- 786 ACCP STATEMENT ON THE EXPERT WITNESS
Edward C. Rosenow III, Rochester, Minnesota
- 786 MIXED VENOUS SATURATION; THE PUZZLE IS STILL INCOMPLETE
Andrew Gettinger, Hanover, New Hampshire
- 787 VASOCONSTRICTORS DURING CPR; ARE THEY USED OPTIMALLY?
Henry R. Halperin; Alan D. Guerci, Baltimore
- 789 EFFECT OF INTERNAL MAMMARY ARTERIAL MOBILIZATION ON STERNAL BLOOD FLOW
N. Bradley Meland, Rochester, Minnesota
- 790 RECIDIVISM REVISITED: A CASE FOR STEROIDS IN RELAPSING COPD?
A. C. Peter Powles, Hamilton, Canada
- 791 AMBULATORY OXYGEN; THE STANDARD OF CARE
Thomas L. Petty, Denver; Walter J. O'Donohue, Omaha
- 792 IMPORTANCE OF VERBAL COMMUNICATION FOR THE VENTILATOR-DEPENDENT PATIENT
Steven B. Lader, New Haven
- 794 PATHOLOGIC INVOLVEMENT OF THE LEFT VENTRICLE IN CHRONIC COR PULMONALE
Akio Kohama; Jun Tanouchi; Masatsugu Hori; Akira Kitabatake; Takenobu Kamada, Osaka, Japan
- 801 PULMONARY ALVEOLAR PROTEINOSIS ASSOCIATED WITH PNEUMOCYSTIS CARINII
Jeanne Tran Van Nhieu; Anne-Marie Voitek; Jean-François Bernaudin; Estelle Escudier; Jocelyn Fleury-Felth, Créteil, France
- 806 ESOPHAGEAL CONTRIBUTION TO CHEST PAIN IN PATIENTS WITH CORONARY ARTERY DISEASE
Jesus Garcia-Pulido; Pravichandra H. Patel; William C. Hunter; John E. Douglas; Eapen Thomas, Johnson City, Tennessee
- 811 HYPOKALEMIC AND ECG SEQUELAE OF COMBINED BIETA-AGONIST/DIURETIC THERAPY; PROTECTION BY CONVENTIONAL DOSES OF SPIRONOLACTONE BUT NOT TRIAMTERENE
Brian J. Lipworth; Denis G. McDevitt; Allan D. Struthers, Dundee, Scotland
- 816 VENTILATORY AND DIFFUSION ABNORMALITIES IN POTENTIAL HEART TRANSPLANT RECIPIENTS
Robert W. Wright; Michael S. Levine; Paul E. Ballamy; Michael S. Simmons; Poonam Batra; Lynne Warner Stevenson; Julie A. Walden; Hillel Laks; Donald P. Tashkin, Los Angeles
- 821 CHARACTERISTICS AND CORRELATES OF ASTHMA IN A UNIVERSITY CLINIC POPULATION
William C. Bailey; James M. Richard, Jr.; Bryn A. Manzella; C. Michael Brooks; Richard A. Windsor; Seng-jaw Soong, Birmingham, Alabama
- 829 DIFFERENTIAL THERAPY WITH CALCIUM ANTAGONISTS IN PULMONARY HYPERTENSION SECONDARY TO COPD; HEMODYNAMIC EFFECTS OF NIFEDIPINE, DILTIAZEM, AND VERAPAMIL
Alfred Gassner; Gernot Sommer; Leo Fridrich; Dieter Magomatschnigg; Andreas Priol, Grimsenstein, Austria
- 835 A COMPARISON OF THE EFFECTS OF IPRAZIUM BROMIDE AND METAPROTERENOL SULFATE IN ACUTE EXACERBATIONS OF COPD
Jill P. Karpel; Jeffrey Pesin; Daniel Greenberg; Eric Gentry, Bronx
- 840 DIAGNOSTIC VALUE OF NONFLUOROSCOPIC PERCUTANEOUS LUNG NEEDLE ASPIRATION IN PATIENTS WITH PNEUMONIA
Antoni Torres; Patricio Jiménez; Jordi Puig de la Bellacasa; Rose Celis; Julia González; Joaquín Gea, Barcelona, Spain
- 845 INTRAVENOUS AND ORAL CORTICOSTEROIDS FOR THE PREVENTION OF RELAPSE AFTER TREATMENT OF DECOMPENSATED COPD
Glen H. Murata; Michael S. Gorbey; Thomas W. Chick; Alan K. Halperin, Albuquerque
- 850 EFFICACY OF POSITIVE VS NEGATIVE PRESSURE VENTILATION IN UNLOADING THE RESPIRATORY MUSCLES
Michael J. Belman; Guy W. Soo Hoo; Joseph H.

- Kuei; Reza Shadmehr, Los Angeles
- 857 DIAPHRAGMATIC REST DURING NEGATIVE PRESSURE VENTILATION BY PNEUMOWRAP; ASSESSMENT IN NORMAL AND COPD PATIENTS
Stefano Nava; Nicolino Ambrosino; Luciano Zocchi; Ciro Rampulla, Montescano, Italy
- 866 FORMOTEROL IN THE TREATMENT OF NOCTURNAL ASTHMA
Francis P. V. Maesen; Joseph J. Smeets; Hendrik L. L. Gubbelmans; Petra G. M. A. Zweers; Heerlen, the Netherlands
- 871 PULMONARY FUNCTION IN COMMERCIAL GLASS BLOWERS
Nancy J. Munn; Stewart W. Thomas; Susan De-Mesquita, Huntington, West Virginia
- 875 SEVERE AORTIC REGURGITATION AS A LATE COMPLICATION OF TEMPORAL ARTERITIS
John J. Costello, Jr.; W. Jay Nicholson, York, Pennsylvania
- 878 EFFECT OF INTERNAL MAMMARY ARTERY MOBILIZATION ON STERNAL BLOOD FLOW
Cordell H. Bahn; G. Allen Holloway, Jr, Tacoma
- 881 DEFECTIVE CYTOSTATIC ACTIVITY OF PULMONARY ALVEOLAR MACROPHAGES IN PRIMARY LUNG CANCER
Christine F. McDonald; Robert C. Atkins, Melbourne, Australia
- 886 LUNG SOUND NOMENCLATURE SURVEY
Robert L. Wilkins; James R. Dexter; Raymond L. H. Murphy, Jr; Elizabeth A. DelBono
- 890 PREDICTING FAILURE FOLLOWING SHUNTING OF PLEURAL EFFUSIONS
Edith Tzeng; Mark K. Ferguson, Chicago
- 894 QUALITY OF LIFE IN ELDERLY PATIENTS WITH CHRONIC NONSPECIFIC LUNG DISEASE SEEN IN FAMILY PRACTICE
Agnes C. Schrier; Friedo W. Dekker; Adrian A. Kaptein; Joop H. Dijkman, Leiden, the Netherlands
- 900 THE RELATIONSHIP OF RESTING VENTILATION TO MOUTH OCCLUSION PRESSURE; AN INDEX OF RESTING RESPIRATORY FUNCTION
Graham C. Scott; Nausherwan K. Burki, Lexington, Kentucky
- 907 ACUTE PULMONARY EFFECTS OF AEROSOLIZED PENTAMIDINE; A RANDOMIZED CONTROLLED STUDY
Toronto Aerosolized Pentamidine Study (TAPS) Group
- 911 ANTIGEN-PRESENTING CAPACITY IN PATIENTS WITH SARCOIDOSIS
Yasutaka Ina; Katsutoshi Takada; Masahiko Yamamoto; Munehiko Morishita; Atsuo Miyachi, Nagakute, Japan
- 917 NEUTROPHILIA IN BRONCHOALVEOLAR LAVAGE FLUID OF DIFFUSE PANBRONCHOLITIS
Yoichiro Ichikawa; Hideyuki Koga; Masako Tanaka; Masahiro Nakamura; Naoto Tokunaga; Masaro Kaji, Kurume, Japan
- 924 INHIBITION OF NATURAL KILLER CELL ACTIVITY BY ORAL ADMINISTRATION OF THEOPHYLLINE
Akihito Yokoyama; Naohiro Yamashita; Yutaka Mizushima; Saburo Yano, Toyama, Japan
- 928 REACTIVE AIRWAY DYSFUNCTION SYNDROME IN THREE POLICE OFFICERS FOLLOWING A ROADSIDE CHEMICAL SPILL
Robert A. Promislow; An Phan; Gregory S. Lenchner; Andrew V. Cicchelli, Philadelphia
- 930 PULMONARY LIPID PEROXIDATION IN CIGARETTE SMOKERS AND LUNG CANCER PATIENTS
Stefano Petruzzelli; Eino Hietanen; Helmut Bartsch; Anne Marie Camus; Alfredo Mussi; Carlo Alberto Angeletti; Rodolfo Saracci; Carlo Giuntini
- 936 EFFECT OF PAF-ACETHER INHALATION ON NONSPECIFIC BRONCHIAL REACTIVITY AND ADRENERGIC RESPONSE IN NORMAL AND ASTHMATIC SUBJECTS
Russell J. Hopp; Agandra K. Bewtra; Makoto Nabe; Devendra K. Agrawal; Robert G. Townley, Omaha
- 942 LARYNGOMALACIA IN CHILDREN
Eliesser Nussbaum; J. Carlos Maggi, Irvine, California
- 945 MULTICENTRIC ENDOBRONCHIAL GRANULAR CELL MYOBLASTOMA
Bahram Redjaee; Prashant Kumar Rohatgi; Monte A. Herman, Washington, D.C.
- 949 EFFECTS OF EPINEPHRINE ON HEMODYNAMICS AND OXYGEN METABOLISM IN DOPAMINE-RESISTANT SEPTIC SHOCK
Pierre Edouard Bollaert; Philippe Bauer; Gérard Audibert; Henri Lambert; Alain Larcan, Nancy, France
- 954 THREE MIXED VENOUS SATURATION CATHETERS IN PATIENTS WITH CIRCULATORY SHOCK AND RESPIRATORY FAILURE
Jean-Jacques Roubey; Pascale Poëte; Liliane Bodin; Jean-luc Bourgeois; Martine Arthaud; Pierre Viars, Paris, France
- 959 LACTATE LEVELS AS PREDICTORS OF THE RELATIONSHIP BETWEEN OXYGEN DELIVERY AND CONSUMPTION IN ARDS
James A. Kruse; Marilyn T. Haupt; Vinod K. Puri; Richard W. Carlson, Detroit
- 963 WHAT IS ASBESTOSIS?
Dorsett D. Smith, Seattle
- 965 PULMONARY FUNCTIONAL IMPAIRMENT ASSOCIATED WITH PLEURAL ASBESTOS DISEASE; CIRCUMSCRIBED AND DIFFUSE THICKENING
Kaye H. Kilburn; Raphael Warshaw, Los Angeles
- 973 "MECHANICAL" CAUSES OF PULMONARY EDEMA
Jeffery Timby; Carol Reed; Stuart Zeilender; Frederick L. Glauser, Richmond, Virginia
- 980 CARDIOVASCULAR DRUGS IN THE ELDERLY
William B. Abrams, Philadelphia
- 987 AIR IN THE NECK
Cheng Li; Wallace T. Miller, Philadelphia
- 989 FAILURE OF LUNG REPAIR FOLLOWING ACUTE LUNG INJURY; REGULATION OF THE FIBROPROLIFERATIVE RESPONSE (PART 2)
Linda S. Snyder; Marshall I. Hertz; Keith R. Harmon; Peter B. Bitterman, Minneapolis
- 994 MECHANICAL DISRUPTION OF PULMONARY EMBOLI IN DOGS WITH A FLEXIBLE ROTATING-TIP CATHETER (KENSEY CATHETER)
Paul D. Stein; Hani N. Sabbah; Michael A. Basha; John Popovich, Jr; Kenneth R. Kensey; John E. Nash, Detroit
- 999 THE EFFECTS OF METHOXAMINE AND EPINEPHRINE ON SURVIVAL AND REGIONAL DISTRIBUTION OF CARDIAC OUTPUT IN DOGS WITH PROLONGED VENTRICULAR FIBRILLATION
Daniel Roberts; Kevin Landolfo; Karen Dobson; R. Bruce Light, Winnipeg, Canada
- 1006 ACCP GUIDELINES FOR AN EXPERT WITNESS
Roger C. Bone, Chicago; Edward C. Rosenow III, Rochester, Minnesota
- 1007 MEDICAL-LEGAL DEFINITION OF OCCUPATIONAL ASTHMA
Dorsett D. Smith, Seattle
- 1012 TRANSIENT NEUROMUSCULAR IMPAIRMENT RESULTING FROM PROLONGED INHALATION OF HALOTHANE AND ENFLURANE
Toshimori Tanigaki; Tetsuri Kondo; Yasuyo Ohta; Hajime Yamabayashi, Isehara, Japan
- 1014 INTRAPERICARDIAL EXTRALOBAR PULMONARY SEQUESTRATION IN A NEONATE
Alex Levi; Mordechai Fidler; Tzipora Dolfin; Elio Di Segni; Bernardo A. Vidne, Tel-Aviv, Israel
- 1016 TRAUMATIC RUPTURE OF AORTA; DIAGNOSIS BY DOPPLER ECHOCARDIOGRAPHY
Jose Luis Moya; Carmen de Pablo; Marina Sanchez; Vivencio Barrios; Juan Fraj; Enrique Asin-Cardiel, Madrid, Spain
- 1017 TRANSIENT MITRAL REGURGITATION DUE TO MITRAL VALVE PROLAPSE ACCOMPANIED BY SYSTOLIC ANTERIOR MOTION OF THE MITRAL VALVE
Kanji Iga; Kenjiro Hori; Shuichi Takahashi, Tenri City, Japan
- 1019 THE EFFECT OF PROLONGED HYPOTHERMIA ON CARDIAC FUNCTION IN A YOUNG PATIENT WITH ACCIDENTAL HYPOTHERMIA
Yoram Maaravi; A. Teddy Weiss, Jerusalem, Israel
- 1021 ONCOCYTIC GLIOMUS TUMOR OF THE TRACHEA
Dong Ho Shin; Sung Soo Park; Jung Hee Lee; Moon Hyang Park; Jung Dal Lee, Seoul, Korea
- 1023 MUCOID IMPACTION OF UPPER LOBE BRONCHI IN THE ABSENCE OF PROXIMAL BRONCHIECTASIS
William McD. Anderson, Shreveport
- 1025 CONFLUENCE OF PULMONARY VEINS SIMULATING A PULMONARY MASS
Bertram Levin, Chicago
- 1026 CYCLOSPORINE AND CHRONIC SARCOIDOSIS
Ernest L. York; Thavisakdi Kovithavongs; F. Paul Man; Anthony S. Rebeck; Brian J. Sproule, Toronto, Canada
- 1029 ORTHOSTATIC HYPOTENSION FOLLOWING RIGHT VENTRICULAR MYOCARDIAL INFARCTION CORRECTED WITH MINERALOCORTICOID THERAPY
Philip E. Hill; Teresa J. Mason; Richard Provus; William A. Neil, Chicago
- 1032 RESOLUTION OF THE ADULT RESPIRATORY DISTRESS SYNDROME FOLLOWING COLECTOMY AND LIVER TRANSPLANTATION
Mottamed Ali; William J. Wall, London, Canada
- 1034 CYTOMEGALOVIRUS PNEUMONIA IN ALLOGENEIC BONE MARROW TRANSPLANTATION; AN IMMUNOPATHOLOGIC PROCESS?
Joseph Chien; Charles K. Chan; Dean Chamberlain; Bruce Patterson; Gillian Fyles; Mark Minden; Jacinta Meharchand; Hans Messner, Toronto, Canada
- 1037 FLORID PULMONARY VENO-OCCLUSIVE DISEASE
Samia Nawaz; Michael J. Dobersen; S. Gilbert Blount, Jr; Harlan I. Firminger; Thomas L. Petty, Denver
- 1040 TRIPLE-LUMEN CENTRAL VENOUS ACCESS VIA THE EXTERNAL JUGULAR VEIN
Wayne J. Manishen; Linda Paradowski, Buffalo
- 1041 PNEUMOCEPHALUS IN ASSOCIATION WITH LUMBAR PUNCTURES
Gurdip S. Flora; James A. Tuchschnidt; Om P. Sharma, Los Angeles
- 1041 GEMFIBROZIL INTERACTION WITH WARFARIN SODIUM (COUMADIN)
Saeed Ahmad, Fairmont, West Virginia
- 1042 PULMONARY HYPERTENSION AND SICKLE HEMOGLOBINOPATHY
D. Verresen; W. De Backer; P. Vermeire, Edegem, Belgium
- Response—Lewis J. Rubin, Baltimore
- 1042 PLEURAL AND LUNG CYTOBIOPSIES
Jean-Paul Homasson; Françoise Langer, Chevilly-Larue, France
- 1043 PHRENIC NERVE INVOLVEMENT IN CHARCOT-MARIE-TOOTH DISEASE
Richard W. Snyder; Henry S. Misher; G. Chris Christensen, Abington, Pennsylvania
- 1043 HIGH FREQUENCY VENTILATION
R. Brian Smith, San Antonio
- 1043 LYMPHOANGIOMATOSIS
James M. Hoffer, Wilmington, Delaware
- Additional commentary—Paul E. Lizotte; Warren L. Whitlock; Janice C. Prudhomme; Christopher R. Brown; James L. Herndon, San Francisco
- Additional commentary—Michael M. M. Eysvogel; Philip S. Page, Enschede, Netherlands
- Response—Arn H. Eliasson; Yancy Y. Phillips; Michael F. Tenholder, Washington DC
- 1047 STETHING FOR PULMONARY EMBOLISM
M. Z. Shaheen; W. J. Windelbank, Derby, England
- Response—Russell D. Hull; Gary E. Raskob, Calgary, Canada
- 1048 PULMONARY ALVEOLAR PHOSPHOLIPOPROTEINOSIS ASSOCIATED WITH AMYLOIDOSIS
A. Merino-Angulo; N. Pérez-Martí; R. Diaz de Otazu, Vitoria, Spain

NUMBER 5, NOVEMBER, 1990

- 1049 PERCUTANEOUS TRACHEOSTOMY; A CAUTIONARY NOTE
Douglas J. Mathisen, Boston
- 1049 TAKE A DOCTOR TO DINNER
Alfred Soffer, Park Ridge
- 1051 TUBERCULOSIS IN THE TIME OF AIDS; THE FACTS AND THE MESSAGE
Jerrold J. Ellner, Cleveland
- 1052 ANGIOTENSIN-CONVERTING ENZYME INHIBITORS AND COUGH
Barbara A. Levey, Pittsburgh
- 1053 HEPATOPULMONARY SYNDROME
Michael J. Krowka, Jacksonville, Florida; Denis A. Cortese, Rochester, Minnesota
- 1054 THERMODILUTION RIGHT VENTRICULAR EJECTION FRACTION; REMAINING QUESTIONS
William E. Hurford, Boston
- 1056 UNDIAGNOSED TUBERCULOSIS IN PATIENTS WITH HUMAN IMMUNODEFICIENCY VIRUS INFECTION
Gurdip S. Flora; Tamara Modilevsky; Diane Antoniskis; Peter F. Barnes, Los Angeles
- 1060 PULMONARY MANIFESTATIONS OF DISSEMINATED CRYPTOCOCCOSIS IN PATIENTS WITH AIDS
Vijay Chechani, Columbia, Missouri; Stephan L. Kamholz, Brooklyn
- 1067 MORTALITY FROM PULMONARY EMBOLISM IN THE UNITED STATES: 1962-1984
David E. Lilienfeld; Evan Chan; Jeffrey Ehland; James H. Godbold; Philip J. Landrigan; Gary Marsh
- 1073 EXERCISE PERFORMANCE OF POLYCYTHEMIC CHRONIC OBSTRUCTIVE PULMONARY DISEASE PATIENTS; EFFECT OF PHLEBOTOMIES
Kota G. Chetty; Richard W. Light; David W. Stans-

- bury; Norah Milne, Irvine, California
- 1078 COMPUTED TOMOGRAPHY IN PATIENTS WITH ESOPHAGEAL PERFORATION
Carl L. Backer; Joseph LoCicero, III; Renee S. Hartz; James S. Donaldson; Thomas Shields, Chicago
- 1081 QUALITY OF WELL-BEING BEFORE AND AFTER ANTIBIOTIC TREATMENT OF PULMONARY EXACERBATION IN PATIENTS WITH CYSTIC FIBROSIS
David M. Orenstein; Edward N. Pattishall; Patricia A. Nixon; Elizabeth A. Ross, Pittsburgh; Robert M. Kaplan, San Diego
- 1085 BRONCHIAL HYPERREACTIVITY IN PATIENTS WITH MITRAL VALVE DISEASE
Yoshihiro Nishimura; Hitoshi Naeda; Mitsuhiro Yokoyama; Hisashi Fukuzaki, Kobe, Japan
- 1091 RESPIRATORY MUSCLE STRENGTH IN CONGESTIVE HEART FAILURE
Michael D. Hammond; Karen A. Bauer; John T. Sharp; Robert D. Rocha, Tampa
- 1095 COMPARISON OF AEROSOLIZED GLYCOPYRRULATE AND METAPROTERENOL IN ACUTE ASTHMA
Murray J. Gilman; Linda Meyer; John Carter; Corey Slovis, Atlanta
- 1099 MYOCARDIAL REVASCLARIZATION FOR THE THIRD TIME: CLINICAL CHARACTERISTICS AND FOLLOW-UP
Bradford P. Clakeman; Neil J. Thomas; Henry J. Sullivan; Bryan K. Foy; Roque Pifarre, Maywood, IL
- 1102 THE EFFECTS OF PHENYLEPHRINE ON RIGHT VENTRICULAR PERFORMANCE IN PATIENTS WITH PULMONARY HYPERTENSION
Stuart Rich; Steven Gubin; Kimberly Hart, Chicago
- 1107 SINGLE LUNG TRANSPLANTATION FOR PRIMARY PULMONARY HYPERTENSION
Stephanie M. Levine; William J. Gibbons; Charles L. Bryan; Ann D. Walling; Richard W. Brown; Steven R. Bailey; Terri Cronin; John P. Calhoun; J. Kent Trinkle; Stephen G. Jenkinson, San Antonio
- 1116 SUBPLEURAL MONONUCLEAR CELL INFILTRATION: SIGNIFICANCE IN THE DIFFERENTIAL DIAGNOSIS OF PLEURITIS SHOWING NONSPECIFIC HISTOLOGIC FINDINGS
Nobuhiko Nagata; Yuji Kawarada; Nobuaki Shigematsu; Tsuneo Ishibashi, Fukuoka, Japan
- 1121 BRONCHIAL CARTILAGE ALTERATIONS IN LUNG TRANSPLANTATION
Samuel A. Yousem; James H. Dauber; Bartley P. Griffith, Pittsburgh
- 1125 SERUM CONCENTRATION OF SOLUBLE INTERLEUKIN-2 RECEPTOR AS A SENSITIVE PARAMETER OF DISEASE ACTIVITY IN SARCOIDOSIS
Naoto Keicho; Kiyoshi Kitamura; Fumimaro Takaku; Hideki Yotsumoto, Tokyo, Japan
- 1130 HYPOTHYROIDISM AND PLEURAL EFFUSIONS
Andrew Gottehrer; Jaime Roa; Gregory G. Stanford; Bart Chernow; Steven A. Sahn
- 1133 HYPERRESPONSIVENESS OF THE EXTRATHORACIC AIRWAY IN PATIENTS WITH CAPTOPRIL-INDUCED COUGH
C. Bucca; G. Rolla; G. Pinna; A. Oliva; M. Bugiani, Torino, Italy
- 1138 CARDIOPULMONARY ASSESSMENT IN BETA-THALASSEMIA MAJOR
Dan Grisar; Eliezer A. Rachmilewitz; Morris Mosseri; Mervyn Gotsman; Joel S. Lafair; Elimelech Okon; Ada Golikfarb; Yonathan Hasin, Jerusalem, Israel
- 1143 THE ENTRAPMENT OF LOW FREQUENCY BREATHING PERIODICITY
Thomas W. Millar; Patrick J. Hanly; Barry Hunt; Michael Fraix; Meir H. Kryger, Manitoba, Canada
- 1149 BRONCHOALVEOLAR LAVAGE IN LIQUID PARAFFIN PNEUMONITIS
Dominique Lauque; Georges Dongay; Thierry Lavade; Claude Caratero; Pierre Carles, Toulouse, France
- 1156 FEASIBILITY OF INTRAOPERATIVE CYTODIAGNOSIS OF LUNG CANCER
Yasuji Terada; Seichi Matsunobe; Tadashi Nemoto; Toru Tsuda; Yasuhiko Shimizu, Otsu, Japan
- 1159 CONCENTRATION OF TUMOR-ASSOCIATED TRYPSIN INHIBITOR (TATI) IN PLEURAL EFFUSIONS
Matt Klockars; Tom Pettersson; Bertil Fröseth; Ole Selroos; Ulf-Håkan Stenman, Helsinki, Finland
- 1165 PROGRESSIVE FUNCTIONAL DETERIORATION OF BIOPROSTHESES ASSESSED BY DOPPLER ULTRASONOGRAPHY
Andreas Hoffman; Philipp Weiss; Paul Dubach; Dieter Burckhardt, Basel, Switzerland
- 1169 CARDIAC ABNORMALITIES IN CHILDREN WITH SICKLE CELL ANEMIA
Lucille A. Lester; Peter C. Sodt; Nancy Hutcheon; Rene A. Arcilla, Chicago
- 1175 ABNORMAL HEMODYNAMIC RESPONSE TO VALSALVA MANEUVER IN PATIENTS WITH ATRIAL SEPTAL DEFECT EVALUATED BY DOPPLER ECHOCARDIOGRAPHY
Liang-Min Tsai; Jyh-Hong Chen, Tainan, Taiwan
- 1179 NEURAL RESPIRATORY DRIVE AND NEUROMUSCULAR COUPLING IN PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)
Massimo Gorini; Alessandro Spinelli; Roberta Giannini; Roberto Duranti; Francesco Gigliotti; Giorgio Scano, Florence, Italy
- 1187 DETERMINANTS OF CELL TYPE IN PATIENTS WITH CANCER OF THE LUNGS
Helen H. McDuffie; David J. Klaassen; James A. Dosman, Saskatoon, Canada
- 1194 REAL AND PSEUDO LATE ASTHMATIC REACTIONS AFTER SUBMAXIMAL EXERCISE CHALLENGE IN PATIENTS WITH BRONCHIAL ASTHMA
Nicolaas P. L. G. Verheoff; Bernardus Speelberg; Norbert J. van den Berg; Claire H. A. Oosthoer; Theo Stijnen, Rotterdam, The Netherlands
- 1200 HEMODYNAMIC STATUS IN CRITICALLY ILL PATIENTS WITH AND WITHOUT ACUTE HEART DISEASE
Alfred F. Connors, Jr.; Neal V. Dawson; Patricia K. Shaw; Hugo D. Montenegro; Andrew R. Nara; Lawrence Martin, Cleveland
- 1207 THE IMPACT OF RIGHT VENTRICULAR INFARCTION ON THE PREVALENCE OF VENTRICULAR ARRHYTHMIAS DURING ACUTE INFERIOR MYOCARDIAL INFARCTION
Eldad Rechavia; Boris Strasberg; Jairo Kusniec; Nili Zahri; Alex Sagie; Aviv Mager; Samuel Sclarovsky, Tel Aviv, Israel
- 1210 SYSTEMIC HEMODYNAMIC AND CARDIAC FUNCTION CHANGES IN PATIENTS UNDERGOING ORTHOTOPIC LIVER TRANSPLANTATION
Frederick L. Glauser, Richmond, Virginia
- 1216 PERMEABILITY PULMONARY EDEMA FOLLOWING LUNG RESECTION
Mali Mathru; Bradford Blakeman; David J. Dries; Bruce Kleinman; Pankaj Kumar, Maywood, IL
- 1219 DIAGNOSIS OF TRACHEAL INJURY IN MECHANICALLY VENTILATED PREMATURE INFANTS BY FLEXIBLE BRONCHOSCOPY: A PILOT STUDY
Dennis E. Schellhase; Leroy M. Graham; Elizabeth J. Fox; Loretta M. Sparks; Leland L. Fan
- 1226 INITIAL ELECTROCARDIOGRAM IN PATIENTS WITH SUSPECTED ISCHEMIC CHEST PAIN
Paul Schweitzer, Bronx
- 1233 PULMONARY COMPLICATIONS OF LEUKEMIA
Fredric L. Hildebrand, Jr.; Edward C. Rosenow III; Thomas M. Habermann; Henry D. Tazelaar, Rochester, Minnesota
- 1240 MEASURING CRACKLES
Jeannette Hoevers; Robert G. Loudon, Cincinnati
- 1244 PULSE OXIMETRY: USES AND ABUSES
Lynn M. Schnapp; Neal H. Cohen, San Francisco
- 1251 DIAGNOSTIC THORACENTESIS
Alan M. Norris; Conor M. Burke, Dublin, Ireland
- 1253 GRAVITY-DEPENDENT INFILTRATES IN A PATIENT WITH LIPOID PNEUMONIA
Olivier Van den Plas; Jean-Paul Trigaux; Bernard Van Beers; Luc Delaunois; Yves Sibille, Yvoir, Belgium
- 1255 ANTI-KVEIM MONOCLONAL ANTIBODY: NEW MONOCLONAL ANTIBODY REACTING TO EPITHELIOID CELLS IN SARCOID GRANULOMAS
Shinichi Ishioka; Megumu Fujihara; Masatoshi Takashi; Michio Yamakido; Yutaka Hosoda, Hiroshima, Japan
- 1259 THERMODILUTION RIGHT VENTRICULAR EJECTION FRACTION: CATHETER POSITIONING EFFECTS
Francis G. Spinale; James L. Zellner; Rupak Mukherjee; Stephanie E. Ferris; Fred A. Crawford
- 1266 RAPID PERCUTANEOUS TRACHEOSTOMY
Arie Schachner; Joel Ovili; Jack Sidi; Aristide Avram; Morris J. Levy, Tel Aviv, Israel
- 1271 PSEUDOINFARCTION PATTERNS ON ELECTROCARDIOGRAM AFTER CORONARY ARTERY BYPASS
Seth D. Bilazarian, Boston
- 1275 HEMOPTYSIS IN A 49-YEAR-OLD MAN: AN UNUSUAL PRESENTATION OF A SPORADIC DISEASE
Daniel Kennedy; Om P. Sharma, Los Angeles
- 1279 MECHANISM OF INTERMITTENT PREEXCITATION IN THE WOLFF-PARKINSON-WHITE SYNDROME
Shinji Kinoshita; Go Konishi; Yoko Kinoshita, Otaru, Japan
- 1281 AXILLOSUBCLAVIAN VEIN THROMBOSIS PRODUCED BY RETROSTERNAL THYROID
Gil Hauer Santos; Kourosh Ghahli, Bronx
- 1283 ROUNDED ATELECTASIS COMPLICATED BY OBSTRUCTIVE PNEUMONIA AND PULMONARY ARTERIAL THROMBOSIS
Chung-Hua Chen, Taipei, Taiwan; Lee Newman, Denver
- 1285 DIALYSIS-INDUCED RESPIRATORY ACIDOSIS
Judith Cohn; Robert A. Balk; Roger C. Bone, Chicago
- 1288 OCCULT FATAL PULMONARY EMBOLISM WITH DISSEMINATED INTRAVASCULAR COAGULATION: AN UNUSUAL CASE MASQUERADING AS MILIARY TUBERCULOSIS
Cheuk-Kit Wong; Chu-Pak Lau; Chun-Ho Cheng; Wing-Fung Ng, Hong Kong
- 1290 LABETALOL AND MRI AS INITIAL MEDICAL AND DIAGNOSTIC MODALITIES IN A MARFANOID PATIENT WITH EXPANDING ASCENDING AORTIC ANEURYSM
Nathaniel Laden; Frank A. Baciwicz, Jr.; Blair Grubb, Toledo, Ohio
- 1292 PULMONARY MALIGNANT ANGIOENDOTHELIOMATOSIS
John T. Pellicone; Howard B. Goldstein, Suffern, New York
- 1294 ELECTROCARDIOGRAPHIC J WAVES AFTER RESUSCITATION FROM CARDIAC ARREST
Uday Jain; Diane E. Wallis; Kamlesh Shah; Bradford M. Blakeman; John R. Moran, Maywood, IL
- 1296 UTILITY OF ANGIOGRAMS IN PATIENTS WITH CATAMENIAL HEMOPTYSIS
Osamu Katoh; Hozumi Yamada; Yosuke Aoki; Shunichi Matsumoto; Sho Kudo, Saga, Japan
- 1297 KYPHOSCOLIOSIS AND RESPIRATORY FAILURE: A PATIENT TREATED WITH ASSISTED VENTILATION FOR 27 YEARS
Colin R. Woolf, Toronto, Canada
- 1299 USE OF Nd:YAG LASER IN ENDOBRONCHIAL KAPOSI'S SARCOMA
Steven Nathan; Rati Vaghaiwalla; Zab Mohsenifar, Los Angeles
- 1300 THE MALIGNANCY-SARCOIDOSIS SYNDROME
John S. Suen; Monique S. Forse; Robert H. Hyland; Charles K. Chan, Toronto, Canada
- 1302 SEPTIC PULMONARY EMBOLI: A RARE CAUSE OF BILATERAL PNEUMOTHORAX IN DRUG ABUSERS
José M. Aguado; Rafael Arjona; Pablo Ugarte, Santander, Spain
- 1304 A CASE OF MASSIVE TRUE THYMIC HYPERPLASIA WITH NON-HODGKIN'S LYMPHOMA
Hiroaki Nomori; Tsuneo Ishihara; Chikao Torikata; Kenichi Harigaya; Atsuo Mikata, Tokyo and Chiba, Japan
- 1306 CONFIRMATION OF ENDOTRACHEAL TUBE POSITIONING
Yukio Kubota; Yoshiro Toyoda; Hiroshi Kubota; Yoshio Yamasaki, Osaka, Japan
Additional commentary—Frederick W. Cheney, Seattle
- 1307 ALLERGIES AND ASTHMA
Miles M. Weinberger, Iowa City
Additional commentary—Guy A. Settiple, Providence, Rhode Island
Michael Z. Blumberg; Jeffery L. Schul, Richmond, Virginia
Response—David J. Scheinhorn, Los Angeles
- 1308 SOURCES OF ENDOBRONCHIAL METASTASES
Izidore S. Lossos, Jerusalem, Israel
Response—Brian W. Carlin, Pittsburgh
- 1309 ADVERTISING AND CLINICAL INVESTIGATION
P. Ciaglia; Herman Levy; Thomas F. Ryan, Jr., Utica, New York
Response—Thomas L. Petty, Denver
- 1310 ARDS TREATED WITH SUSTAINED ADRENOCORTICAL STEROIDS
Peter M. Suter, Geneva, Switzerland
Response—Robert G. Hooper; Robert A. Keal, Phoenix
- 1311 CHOOSING TIDAL VOLUME FOR VENTILATION
Donald R. Elton, Columbia, South Carolina
Response—Patrick C. Lee; Cathleen M. Helsemoortel; Stephen M. Cohn; Mitchell P. Fink, Worcester, Massachusetts
- 1312 CARDIAC FOSSA
David H. Spodick, Worcester, Massachusetts
Response—John Butler, Seattle

NUMBER 5, NOVEMBER, 1990 (Supplement)

145S OPENING REMARKS

James A. Merchant, Iowa City

146S PRIORITIES FOR THE MANAGEMENT OF ENVIRONMENTAL AND OCCUPATIONAL ASTHMA

James A. Merchant, Iowa City

148S OCCUPATIONAL ASTHMA

Maira Chan-Yung, Vancouver, Canada

162S ROLE OF THE PHYSICIAN IN ENVIRONMENTAL AND OCCUPATIONAL ASTHMA

Linda Rosenstock, Seattle

165S EPIDEMIOLOGY AND SURVEILLANCE

Margaret R. Becklake, Montreal, Canada

173S SURVEILLANCE OF OCCUPATIONAL ASTHMA UNDER THE SENSOR MODEL

Thomas D. Matte, Atlanta; Richard E. Hoffman, Denver; Kenneth D. Rosenman, East Lansing; Martha Stansbury, Trenton

179S ASTHMA SURVEILLANCE IN THE UNITED STATES: A REVIEW OF CURRENT TRENDS AND KNOWLEDGE GAPS

Kevin B. Weiss, Washington, DC; Diane K. Wagener, Hyattsville, Maryland

185S EPIDEMIOLOGIC STUDIES OF ASTHMA EPIDEMICS IN BARCELONA

Josep M. Antó; J. Sunyer, Barcelona, Spain

191S ASTHMA AND PERSISTENT WHEEZE IN THE HARVARD SIX CITIES STUDY

Frank E. Speizer, Boston

196S CLINICAL SURVEILLANCE AND MANAGEMENT OF OCCUPATIONAL ASTHMA: TERTIARY PREVENTION BY THE PRIMARY PRACTITIONER

Mark R. Cullen, New Haven

202S CLINICAL ASSESSMENT OF BRONCHIAL HYPERRESPONSIVENESS DUE TO NONSPECIFIC AND SPECIFIC AGENTS

C. A. C. Pickering, Manchester, England

206S USE OF IMMUNOLOGIC TECHNOLOGY IN THE DIAGNOSIS OF ENVIRONMENTAL AND OCCUPATIONAL IMMUNOLOGIC LUNG DISEASE

Roy Patterson; Leslie C. Grammer; C. Raymond Zeiss; Kathleen E. Harris; Martha A. Shaughnessy, Chicago

209S ENVIRONMENTAL AND OCCUPATIONAL ASTHMA: EXPOSURE ASSESSMENT

A. Newman-Taylor; R. D. Tee, London, England

212S EVALUATION OF A PROPOSED NIOSH SURVEILLANCE: CASE DEFINITION FOR OCCUPATIONAL ASTHMA

Julia E. Klees; Mark Alexander; David Rempel; William Beckett; Rachel Rubin; Scott Barnhart; John R. Balme

216S CLINICAL MANAGEMENT WHEN THE ENVIRONMENT CAN BE CHANGED

Charles E. Reed, Rochester, Minnesota

220S OCCUPATIONAL AND ENVIRONMENTAL ASTHMA: LEGAL AND ETHICAL ASPECTS OF PATIENT MANAGEMENT

L. Christine Oliver, Boston

225S A FRAMEWORK FOR ASSESSING IMPAIRMENT FROM ASTHMA

Scott T. Weiss, Boston

232S ASSESSING DISABILITY FROM OCCUPATIONAL ASTHMA: A PERSPECTIVE ON THE AMA GUIDES

Philip Harber, Los Angeles

236S COMPENSATION FOR OCCUPATIONAL ASTHMA IN QUEBEC

Jean-Luc Malo, Montreal, Canada

240S REPORTS OF THE WORKING GROUPS

David V. Bates, Vancouver, Canada

251S WORKSHOP SUMMARY

David V. Bates, Vancouver, Canada

NUMBER 6, DECEMBER, 1990

1313 DOES PULMONARY ARTERY CATHETERIZATION BENEFIT PATIENTS WITH ACUTE MYOCARDIAL INFARCTION?

James E. Dalen, Tucson

1314 MAKING BRONCHOSCOPY COUNT

Ronald Paul Sen, Bethesda

1315 SURGICAL TREATMENT OF OBSTRUCTIVE SLEEP APNEA: IS MANDIBULAR SURGERY AN ADVANCE?

Richard E. Waldhorn, Washington, DC

1317 INHALED ALBUTEROL AND ORAL PREDNISONE THERAPY IN HOSPITALIZED ADULT ASTHMATICS: DOES AMINOPHYLLINE ADD ANY BENEFIT?

Timothy H. Self; Nabli Abou-Shala; Robert Burns; Clinton F. Stewart; Robert F. Ellis; Sandra J. Tsui; Arthur L. Kellermann, Memphis

1322 UTILITY OF FIBEROPTIC BRONCHOSCOPY IN NONRESOLVING PNEUMONIA

Steven H. Feinsilver; Alan M. Fein; Michael S. Niederman; Douglas E. Schultz; David H. Faegenburg, Stony Brook, New York

1327 FIBEROPTIC BRONCHOSCOPY WITHOUT PREMEDICATION: A RETROSPECTIVE STUDY

Henri G. Coll; James F. Morris, Portland, Oregon

1331 USE OF PULMONARY ARTERY CATHETERS IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION: ANALYSIS OF EXPERIENCE IN 5,841 PATIENTS IN THE SPRINT REGISTRY

Monty M. Zion; Jonathan Balkin; David Rosenman; Uri Goldbourt; Henrietta Reicher-Reiss; Elieser Kaplinsky; Solomon Behar, for the SPRINT Study Group

1336 ACUTE LOBAR ATELECTASIS: A COMPARISON OF TWO CHEST PHYSIOTHERAPY REGIMENS

Kathy Stiller; Tim Geake; James Taylor; Ruth Grant; Bob Hall, Adelaide, South Australia

1341 A LIMITED DIAGNOSTIC INVESTIGATION FOR OBSTRUCTIVE SLEEP APNEA SYNDROME: OXIMETRY AND STATIC CHARGE SENSITIVE BED

Eva Svanborg; Håkan Larsson; Britt Carlsson-Nordlander; Rilla Piskanen, Stockholm, Sweden

1346 AMINOPHYLLINE IN THE OUTPATIENT MANAGEMENT OF DECOMPENSATED CHRONIC OBSTRUCTIVE PULMONARY DISEASE

Glen H. Murata; Michael S. Gorby; Thomas W. Chick; Alan K. Halperin, Albuquerque

1351 DIAGNOSTIC VALUE OF MAXIMAL EXERCISE TIDAL VOLUME

Kemp Gowda; Trevor Zintel; Colin McParland; Robert Orchard; Charles G. Gallagher, Saskatoon, Canada

1355 PREDICTING THE NEED FOR HOSPITALIZATION IN CHILDREN WITH ACUTE ASTHMA

Eitan Kerem; Robert Tibshirani; Gerard Canny; Lea Bentur; Joe Reisman; Susanna Schurr; Renato Stein; Henry Levison, Toronto, Canada

1362 SYSTEMIC HYPERTENSION IN SLEEP APNEA SYNDROME: RELATIONSHIP WITH SLEEP ARCHITECTURE AND BREATHING ABNORMALITIES

Pierre Escourrou; Ahmed Jirani; Helene Nedeloux; Pierre Duroux; Claude Gaultier, Clamart, France

1366 ATYPICAL PRESENTATIONS OF PNEUMOCYSTIS CARINII PNEUMONIA IN PATIENTS RECEIVING INHALED PENTAMIDINE PROPHYLAXIS

Howard Edelstein; Robert E. McCabe, Martinez, California

1370 SERUM LIDOCAINE CONCENTRATIONS IN CHILDREN DURING BRONCHOSCOPY WITH TOPICAL ANESTHESIA

Yona Amitai; Ester Zylber-Katz; Avraham Avital; David Zangen; Nathan Noviski, Jerusalem, Israel

1374 Nd:YAG LASER AND PHOTODYNAMIC THERAPY FOR ESOPHAGEAL AND ENDOBRONCHIAL TUMORS UNDER GENERAL AND LOCAL ANESTHESIA: EFFECTS ON ARTERIAL BLOOD GAS LEVELS

James S. McCaughan, Jr.; Rostislav D. Barabash; Gerald M. Penn; Bogomir J. Glavan, Columbus, Ohio

1379 OPTIMAL INTERPRETATION OF THE SUPINE EXERCISE ELECTROCARDIOGRAM IN PATIENTS WITH RIGHT BUNDLE BRANCH BLOCK

Krag M. Wangnes; Raymond J. Gibbons, Rochester, Minnesota

1383 REDUCTION IN BLEEDING AFTER HEART-LUNG TRANSPLANTATION: THE IMPORTANCE OF POSTERIOR MEDIASTINAL HEMOSTASIS

Richard J. Novick; Alan H. Menkis; F. Neil McKenzie; Ken R. Reid; Peter W. Pflugfelder; William J. Kostuk; Dildar Ahmad, London, Canada

1388 CLINICAL ANTECEDENTS TO IN-HOSPITAL CARDIOPULMONARY ARREST

Roland M. H. Schein; Nelson Hazday; Maria Pena; Bradley H. Ruben; Charles L. Sprung, Miami

1393 RAPID DIAGNOSIS OF LUNG CANCER FROM PALPABLE METASTASES BY NEEDLE THRUST

Jay J. Rohwedder; John A. Handley; David Kerr, Phoenix

1397 ELEVATED PROSTAGLANDIN E₂ LEVELS IN BRONCHOALVEOLAR LAVAGE FLUID OF PATIENTS WITH BRONCHOGENIC CARCINOMA

Ann LeFevre; Akira Funahashi, Milwaukee

1403 INCREASED RELEASE OF THE N-TERMINUS OF THE ATRIAL NATRIURETIC FACTOR PROHORMONE WITH INCREASING ABSOLUTE ATMOSPHERES OF PRESSURE IN A HYPERBARIC CHAMBER AND REVERSAL WITH OXYGEN THERAPY

David M. Rico; Fred J. Svendsen; Cindy Huffer; Maureen Smith; Ramona Pierce; Chris J. Winters, Little Rock; David L. Vesely, Tampa

1408 CLINICAL DYSAUTONOMIA IN PATIENTS WITH BRONCHIAL ASTHMA: STUDY WITH SEVEN AUTONOMIC FUNCTION TESTS

Prabhat K. D. Shah; Manoj Lakhotia; Sanjay Mehta; Suresh K. Jain; Gulzari L. Gupta, Rajasthan, India

1414 ELEVATED SERUM PROCOLLAGEN III AMINOPEPTIDE LEVELS IN SARCROIDOSIS

Maurizio Luisetti; Antonella Bulgheroni; Luisa Bacchella; Lidia Pasturezzi; Carlo Aprile, Pavia, Italy

1421 MAXILLOFACIAL SURGERY AND NASAL CPAP: A COMPARISON OF TREATMENT FOR OBSTRUCTIVE SLEEP APNEA SYNDROME

Robert W. Riley; Nelson B. Powell; Christian Guillemault, Stanford

1426 EFFECT OF INHALED METHACHOLINE ON INSPIRATORY FLOW

John M. Kelso; Paul L. Enright; Paul D. Scanlon; Edward J. O'Connell; Martin I. Sachs, Rochester, Minnesota

1430 PULMONARY VASCULAR STEAL IN CHRONIC THROMBOEMBOLIC PULMONARY HYPERTENSION

Mitchell A. Olman; William R. Auger; Peter F. Fedullo; Kenneth M. Moser, San Diego

1435 NORMAL SPIROMETRIC VALUES IN HEALTHY HISPANIC AMERICANS

Robert O. Crapo; Robert L. Jensen; James E. Lockey; Virginia Aldrich; C. Gregory Elliott

1440 THE EFFECT OF MULTIPLE-DOSE ORAL LO-MEFOXACIN ON THEOPHYLLINE METABOLISM IN MAN

Giel J. A. Wijnands; Jan H. Cornel; Magdalena Marterla; Tom B. Vree, Deventer and Nijmegen, The Netherlands

1445 CARDIORESPIRATORY EFFECTS OF PRESSURE CONTROLLED VENTILATION IN SEVERE RESPIRATORY FAILURE

Edward Abraham; Gary Yoshida, Los Angeles

1450 MEASUREMENTS OF RIGHT VENTRICULAR VOLUMES DURING FLUID CHALLENGE

Charles Reuser; Jean-Louis Vincent; Michael R. Pinsky, Brussels, Belgium

1455 FACTORS AFFECTING PERIOPERATIVE PULMONARY FUNCTION IN ACUTE RESPIRATORY FAILURE

Diane R. Biery; James D. Marks; Anthony Schapera; Meg Autry; Richard M. Schlobohm; Jeffrey A. Katz, San Francisco

1463 PATHOLOGIC DEPENDENCE OF OXYGEN CONSUMPTION ON OXYGEN DELIVERY IN ACUTE RESPIRATORY FAILURE SECONDARY TO AIDS-RELATED PNEUMOCYSTIS CARINII PNEUMONIA

Juan J. Ronco; Julio S. G. Montaner; John C. Fenwick; John Ruedy; James A. Russell, Vancouver, Canada

1467 PROSTACYCLIN BUT NOT PHENTOLAMINE INCREASES OXYGEN CONSUMPTION AND SKIN MICROVASCULAR BLOOD FLOW IN PATIENTS WITH SEPSIS AND RESPIRATORY FAILURE

Jean-Francois Pittet; Jean-Silvain Lacroix; Kevin Gunning; Marie-Christine Laverriere; Denis R. Morel; Peter M. Suter, Geneva, Switzerland

1473 A RANDOMIZED TRIAL OF A SINGLE BOLUS DOSE REGIMEN OF RECOMBINANT TISSUE PLASMINOGEN ACTIVATOR IN PATIENTS WITH ACUTE PULMONARY EMBOLISM

Mark Levine; Jack Hirsh; Jeff Weitz; Moira Cruickshank; Jean Neumeh; Alexander G. Turpie; Michael Gent, Montreal, Canada

1480 PSEUDOMONAS AERUGINOSA COMPARED WITH ESCHERICHIA COLI PRODUCES LESS ENDOTOXEMIA BUT MORE CARDIOVASCULAR DYSFUNCTION AND MORTALITY IN A CANINE MODEL OF SEPTIC SHOCK

Robert L. Danner; Charles Natanson; Ronald J. Elin; Jeanette M. Hossain; Steve Banks; Thomas J. MacVittie; Joseph E. Parrillo, Bethesda

1488 SELECTION AND EVALUATION OF RECIPIENTS FOR HEART-LUNG AND LUNG TRANSPLANTATION

Sara E. Marshall; Mordechai R. Kramer; Norman J. Lewiston; Vaughn A. Starnes; James Theodore, Stanford

1495 A PATIENT REFERRED FOR STEROID-RESISTANT ASTHMA

Ray C. Johnson; Martin H. Kollef, Aurora, Colorado

1497 ROLE OF NOCTURNAL OXYGEN THERAPY IN OBSTRUCTIVE SLEEP APNEA: WHEN SHOULD IT BE USED?

Eugene C. Fletcher; Dominic A. Munafò, Houston

1505 TUBERCULOUS MASTITIS

Jo Parkins Wilson; Stanley W. Chapman, Jackson, Mississippi

1510 ACUTE MYOCARDIAL INFARCTION RESULTING

- FROM THE MIGRATION OF A GREENFIELD FILTER
Brahmajee Puram; Thomas J. Maley; Nettie M. White; Harold H. Rotman; Gary Miller, Asheville and Durham, North Carolina
- 1512 PNEUMOTHORAX FOLLOWING CYTOTOXIC CHEMOTHERAPY IN MALIGNANT LYMPHOMA
Jiunn-Rong Hsu; Shi-Chuan Chang; Reury-Peng Ferng, Taipei, Taiwan
- 1514 POSITIONAL CHANGES IN GAS EXCHANGE AFTER UNILATERAL PULMONARY EMBOLISM
M. Sahwan Badr; Jeffrey E. Grossman, Madison, Wisconsin
- 1516 BRONCHOGENIC CARCINOMA *IN SITU* ON THE CARINA ERADICATED BY ENDOBRONCHIAL BIOPSY
Richard W. Snyder; Henry S. Mishel; G. Chris Christensen, III, Abington, Pennsylvania
- 1518 RAPID ORAL DESENSITIZATION TO ISONIAZID AND RIFAMPIN
Christine L. Holland; Charlotte Malasky; Adeniyi Ogunkoya; Leonard Bielory, Newark
- 1520 TRACHEAL STENOSIS AND FAILURE TO WEAN FROM MECHANICAL VENTILATION DUE TO HERPETIC TRACHEITIS
Roy C. St. John; Eric R. Pacht, Columbus, Ohio
- 1522 OSLER-WEDELLER-RENDU DISEASE AND PULMONARY ARTERIOVENOUS FISTULAS
R. Bruce Gammon; Andrea K. Miksa; Frederick S. Keller, Birmingham, Alabama
- 1524 A NEW MANIFESTATION AND TREATMENT ALTERNATIVE FOR HEPARIN-INDUCED THROMBOSIS
John A. Dieck; Carlos Rizo-Patron; A. Unisa; Virendra Mathur; G. Ali Massumi, Houston
- 1526 SEPTIC PULMONARY EMBOLISM COMPLICATING A CENTRAL VENOUS CATHETER
Joseph S. Cervia; Thomas A. Caputo; Sheila D. Davis; Henry W. Murray, New York
- 1527 ADULT RESPIRATORY DISTRESS SYNDROME DUE TO BLASTOMYCOSIS DURING PREGNANCY
Diane MacDonald; Patrick C. Alguire, East Lansing, Michigan
- 1528 PHRENOMEDIASTINAL ECHINOCOCCOSIS
Rakesh K. Gupta; Arun K. Kakkar; Rajesh Bhagat; Kaushal Pant, Delhi, India
- 1530 PNEUMOMEDIASTINUM, PNEUMOTHORAX AND SUBCUTANEOUS EMPHYSEMA FOLLOWING THE MEASUREMENT OF MAXIMAL EXPIRATORY PRESSURE IN A NORMAL SUBJECT
José C. Manco; Joao Terra-Filho; Geruza A. Silva, Sao Paulo, Brazil
- 1532 MANAGEMENT OF BRUCELLA ENDOCARDITIS WITH AORTIC ROOT ABSCESS
Saad Al Kasab; Mohamed Al Fagih; Abdul Al Rasheed; B. Khan; Issam Bitar; Maie Shahed; William Sawyer, Riyadh, Saudi Arabia
- 1534 EAR INVOLVEMENT IN THE YELLOW NAIL SYNDROME
Jane M. Armitage; Donald J. Lane; John R. Stradling; Martin Burton, Oxford, England
- 1535 BILIOUS PLEURAL EFFUSION FOLLOWING LIVER BIOPSY
Richard J. Pisani; Frederick A. Zeller, Rochester, Minnesota
- 1537 PERMANENT VENOUS ACCESS VIA SUBCUTANEOUS INFUSION PORT IN SEVERE ASTHMA
Odd Morkve; Torben Wisborg; Amund Gulsvik, Bergen, Norway
- 1538 BRONCHOSCOPY IN HEMOPTYSIS
Michael L. Lippman; Michael D. Walkenstein; Steven K. Goldberg, Philadelphia
- 1538 EFFECT OF CONVERTING ENZYME INHIBITORS ON SERUM ACE TEST
Jack Lieberman, Sepulveda, California
- 1538 ARTERIAL OXYGENATION IN CARBON MONOXIDE POISONING
Neil B. Hampson, Seattle
- 1539 NEEDLE ASPIRATION IN LUNG CANCER
Robert G. Levitt, Pittsburgh
- Response—William R. Hix; Benjamin L. Aaron, Washington, DC
- 1540 L-TRYPTOPHAN-INDUCED COUGH AND PLEURAL EFFUSIONS ASSOCIATED WITH THE EOSINOPHILIA-MYALGIA SYNDROME
Eric T. Shore, Hartford
- 1540 SPONTANEOUS RESOLUTION OF ENDOBRONCHIAL MYCOBACTERIUM AVIUM-INTRACELLULAR INFECTION IN A PATIENT WITH AIDS
Edward M. Cordasco, Jr; Thomas Keys; Atul C. Mehta; Mark F. Mehle; David L. Longworth, Cleveland
- 1542 WANDERING PACEMAKER
Daisuke Inoue, Kyoto, Japan; Philip M. Hartigan, Boston
- 1542 NASAL CPAP FOR SEVERE HYPOXIA
Warren C. Miller, John W. Mason, Webster, Texas
- 1543 CARING FOR MECHANICALLY VENTILATED PATIENTS AT HOME
Allen I. Goldberg; Augusta A. Alba; E. A. Oppenheimer, Los Angeles; Edward Roberts, Chicago
- 1543 OPHTHALMOLOGIC COMPLICATIONS IN PRIMARY PULMONARY HYPERTENSION
G. Van Camp; M. Renard; C. Verougstraete; R. Bernard, Brussels, Belgium
- 1544 PLEURAL INVOLVEMENT IN HAIRY CELL LEUKEMIA RESPONSE TO RECOMBINANT INTERFERON-ALPHA
Francois Raffi; Genevieve Magadur; Maryse Fliche; Dominique Merten; Jacques H. Barrier; Jean-Yves Grolleau, Paris, France
- 1544 CONTROL OF DYSPNEA IN ADVANCED CANCER PATIENTS
Vittorio Ventafridda; Elio Spoldi; Franco De Conno, Milan, Italy
- 1545 LEFT PULMONARY ARTERY THROMBOSIS IN CHLORPROMAZINE-INDUCED LUPUS
Philippe Roche-Bayard; Roland Rossi; Jessica M. Mann; Jean-Francois Cordier; Jean-Pierre Delahaye, Lyon, France
- 1545 DIGITAL CLUBBING IN HASHISH ADDICTS
Y. I. Baris; E. Tan; F. Kalyoncu; M. Artvinli; A. A. Sahin, Ankara, Turkey
- 1546 PULMONARY FUNCTION AND ALCOHOL CONSUMPTION
Francoise Neukirch; Renata Liard; Myriam Koro-baeff; Rene Pariente, Paris, France
- 1547 PRIMARY NON-HODGKIN'S LYMPHOMA OF THE LARYNX TREATED ONLY BY CHEMOTHERAPY
V. Giatsios; D. Bouros; A. Emmanouel; M. Niotis, Athens, Greece
- 1547 REGRESSION OF PRIMARY PULMONARY HYPERTENSION
Chiara Arcangeli; Paolo Pucci; Alessio Monterege; Alberto Dolara, Firenze, Italy
- 1548 SPONTANEOUS HEMORRHAGE OF AN ECTOPIC MEDIASTINAL THYROID
Richard W. Snyder; Deborah W. McIvor; Henry S. Mishel, Abington, Pennsylvania
- 1548 HIV INFECTION IN NOT-AT-RISK TUBERCULOUS PATIENTS IN SPAIN
Jordi Tor; Josep M. Llibre; Robert Muga; Joan Ruiz; Jose M. Manterola, Barcelona, Spain

